

Converting Colors

XYZ(75.3744, 91.0252, 55.1919)

Have a look what the booklet for
XYZ(75.3744, 91.0252, 55.1919)
contains.

XYZ(75.3744, 91.0252, 55.1919)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(75.3744, 91.0252,
55.1919)**

Conversions

Conversions Part 1

Format	Color
Hex	E3FFB1
RGB	227, 255, 177
RGB Percent	89%, 100%, 69%
CMY	0.1098, 0.0000, 0.3059
CMYK	0.11, 0.00, 0.31, 0.00
HSL	82°, 100%, 85%
HSV	82°, 31%, 100%
XYZ	75.3744, 91.0252, 55.1919
YIQ	237.7360, 8.3500, -30.1940

Conversions

Conversions Part 2

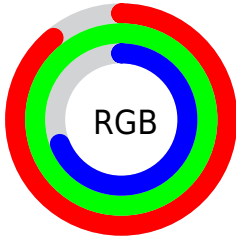
Format	Color
RYB	177, 255, 205
Decimal	14942129
CIELab	96.42, -21.77, 34.36
CIElCh	96, 40.675, 122.351
Yxy	91.0252, 0.3402, 0.4108
Android (android.graphics.Color)	4293132209 (0xFFE3FFB1)
YUV	237.7360, -29.9428, -9.4155
Hunter-Lab	95.4071, -25.9423, 32.4864

Details

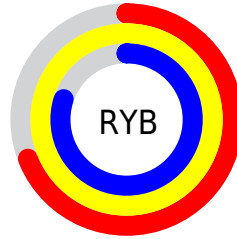
The XYZ color **75.3744, 91.0252, 55.1919** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **58.9499, 51.6446, 101.4692**, and the grayscale version is **81.2829, 85.5159, 93.1269**.

A 20% lighter version of the original color is **91.7080, 98.6632, 91.3012**, and **40.6268, 50.5013, 26.6753** is the 20% darker color. If you saturate the color by 10%, you get **70.2545, 88.6525, 42.9014**, and if you desaturate by 10%, it is **81.1237, 93.6675, 69.9935**.

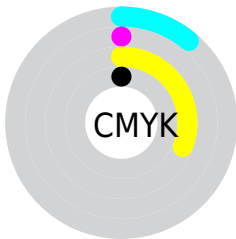
Distribution



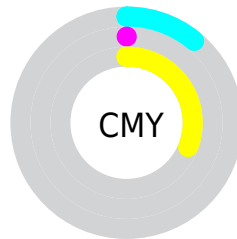
- Red (89%)
- Green (100%)
- Blue (69%)



- Red (69%)
- Yellow (100%)
- Blue (80%)



- Cyan (11%)
- Magenta (0%)
- Yellow (31%)
- Black (0%)



- Cyan (11%)
- Magenta (0%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.3744, 91.0252, 55.1919 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 75.3744, 91.0252, 55.1919 by changing the saturation by 10% instead.

75.3744, 91.0252,
55.1919

75.3744, 91.0252,
55.1919

468.1808,
531.3602, 423.9414

56.2149, 68.8313,
39.1557

125.8273,
148.7616, 99.2960

40.6129, 50.5743,
26.5721

157.8514,
185.0729, 128.2011

28.2031, 35.8699,
17.0226

194.8944,
226.8587, 162.2329

18.6201, 24.3338,
10.0885

237.3217,
274.5035, 201.8099

11.4984, 15.5814,
5.3513

285.4987,
328.3917, 247.3507

6.4729, 9.2284,
2.3925

339.7906,

3.1781, 4.8905,

388.9076, 299.2739

0.7823

400.5629,
456.4356, 357.9979

■ 1.2486, 2.1831,
0.0000

■ 0.1442, 0.7108,
0.0000

■ 75.3744, 91.0252,
55.1919

■ 75.3744, 91.0252,
55.1919

■ 70.2545, 88.6525,
42.9014

■ 81.1237, 93.6675,
69.9935

■ 65.7337, 86.5370,
32.9783

■ 87.5278, 96.5896,
87.4310

■ 61.7811, 84.6658,
25.2704

■ 94.6123, 99.8021,
107.6258

■ 58.3616, 83.0248,
19.6065

■ 95.0500, 100.0000,
108.9000

■ 55.4354, 81.5978,
15.7898

■ 52.9551, 80.3654,
13.5853

■ 50.9588, 79.3553,
12.6313

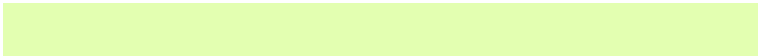
Harmonies

Analogous

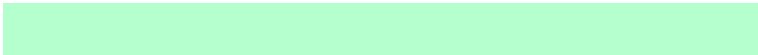
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.6263, 91.0252, 48.9257



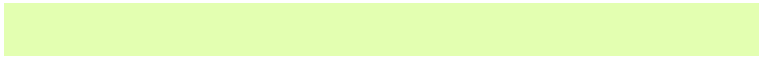
75.3744, 91.0252, 55.1919



68.6172, 91.0252, 72.8836

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.3744, 91.0252, 55.1919



76.7950, 91.0252, 165.2924



110.1621, 91.0252, 96.5739

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



75.3744, 91.0252, 55.1919



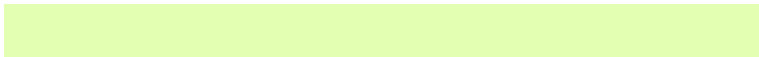
58.9499, 51.6446, 101.4692

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



107.2862, 91.0252, 130.9780



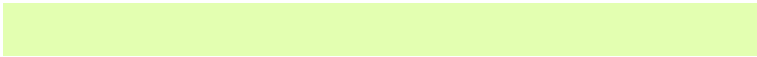
75.3744, 91.0252, 55.1919



87.4133, 91.0252, 175.4402

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



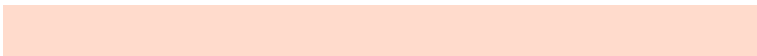
75.3744, 91.0252, 55.1919



69.3857, 91.0252, 136.3885



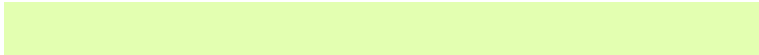
98.7063, 91.0252, 161.7197



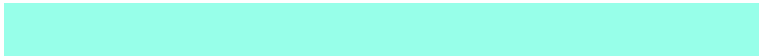
106.2581, 91.0252, 69.3318

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.3744, 91.0252, 55.1919



66.6703, 91.0252, 91.0351



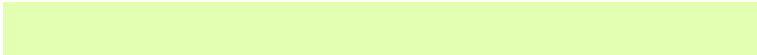
98.7063, 91.0252, 161.7197



109.9560, 91.0252, 107.6508

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



75.3748, 91.0254, 55.1932



88.6063, 97.0799, 90.4494



70.8407, 67.7637, 50.9422



18.7537, 20.6828, 18.7671



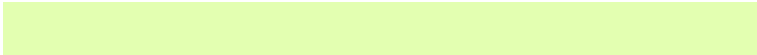
0.0000, 0.0000, 0.0000



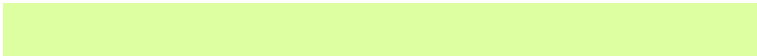
20.3446, 21.4041, 23.3091

Same Dimension

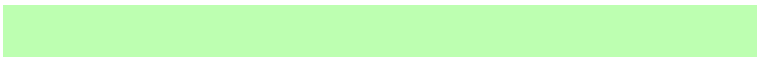
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.3748, 91.0254, 55.1932



72.0208, 89.4735, 47.0308



64.6085, 85.4752, 54.6894



18.8916, 20.7456, 19.1529



26.7960, 41.5519, 6.6080



2.7284, 4.1073, 0.6490

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



58.9499, 51.6446, 101.4692



53.1155, 44.1258, 100.3254



70.8385, 57.7734, 102.0255



17.6184, 17.6950, 22.7368



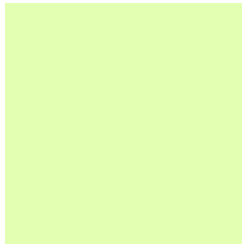
11.8613, 5.0252, 49.7794



1.2690, 0.5481, 4.8522

Previews

White Background



This preview shows how the XYZ color 75.3744, 91.0252, 55.1919 looks on a white background.

Color Contrast Check

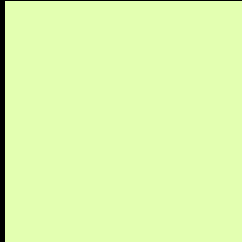
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 75.3744, 91.0252, 55.1919 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

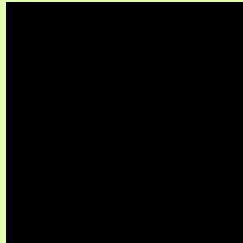
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

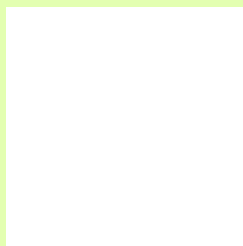
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.3744, 91.0252, 55.1919

Background



This preview shows how black text looks on a background with the XYZ color 75.3744, 91.0252, 55.1919.

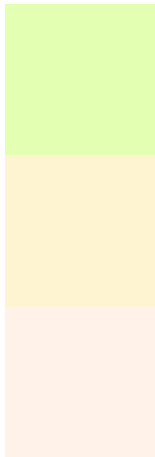


This preview shows how white text looks on a background with the XYZ color 75.3744, 91.0252,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

75.3744, 91.0252, 55.1919

Protanopia

85.0993, 90.5648, 73.3171

Deuteranopia

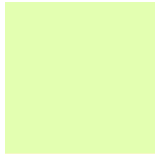
87.5576, 90.5905, 89.2149



Tritanopia

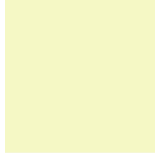
86.6763, 90.6221, 107.5312

Trichromacy



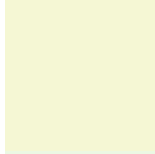
Original Color

75.3744, 91.0252, 55.1919



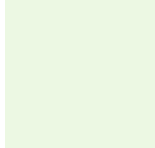
Protanomaly

81.3016, 90.5785, 66.0217



Deuteranomaly

82.8006, 90.6875, 75.4277



Tritanomaly

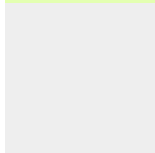
82.0246, 90.5137, 85.8208

Monochromacy



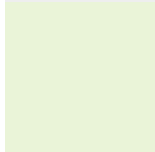
Original Color

75.3744, 91.0252, 55.1919



Achromatopsia

81.2670, 85.4993, 93.1087



Achromatomaly

78.6770, 87.1517, 77.6410

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.3744, 91.0252, 55.1919 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(227, 255, 177)` looks like.

```
.text, #text, p{  
    color:rgb(227, 255, 177)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(227, 255, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 255, 177) }
```

Border

The CSS property to change the border of an element to XYZ 75.3744, 91.0252, 55.1919 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(227, 255, 177) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(227, 255, 177) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(227, 255, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(227, 255, 177); -webkit-box-shadow:4px 4px 4px 4px rgb(227, 255, 177); box-shadow:4px 4px 4px 4px rgb(227, 255, 177) }
```

Background

The CSS property to change the background color of an element to XYZ 75.3744, 91.0252, 55.1919 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 255, 177) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(227,  
255, 177) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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