

Converting Colors

XYZ(94.0432, 100.0000,
55.4095)

Have a look what the booklet for
XYZ(94.0432, 100.0000, 55.4095)
contains.

XYZ(84.5183, 95.2782, 55.0102)	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(84.5183, 95.2782,
55.0102)**

Conversions

Conversions Part 1

Format	Color
Hex	FFFEB0
RGB	255, 254, 176
RGB Percent	100%, 100%, 69%
CMY	0.0000, 0.0039, 0.3098
CMYK	0.00, 0.00, 0.31, 0.00
HSL	59°, 100%, 85%
HSV	59°, 31%, 100%
XYZ	84.5183, 95.2782, 55.0102
YIQ	245.4070, 25.6340, -24.0460

Conversions

Conversions Part 2

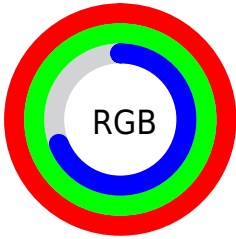
Format	Color
RYB	177, 255, 176
Decimal	16776880
CIELab	98.14, -11.19, 37.51
CIELCh	98, 39.145, 106.614
Yxy	95.2782, 0.3599, 0.4058
Android (android.graphics.Color)	4294966960 (0xFFFFFEB0)
YUV	245.4070, -34.2177, 8.4131
Hunter-Lab	97.6106, -16.2602, 34.9134

Details

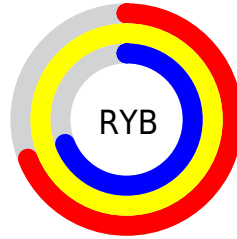
The XYZ color **84.5183, 95.2782, 55.0102** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **51.6764, 47.8931, 101.1284**, and the grayscale version is **87.3735, 91.9237, 100.1049**.

A 20% lighter version of the original color is **91.5655, 98.6062, 90.5508**, and **46.5674, 53.2329, 26.5595** is the 20% darker color. If you saturate the color by 10%, you get **82.1278, 94.1626, 42.9133**, and if you desaturate by 10%, it is **87.3876, 96.5922, 69.6071**.

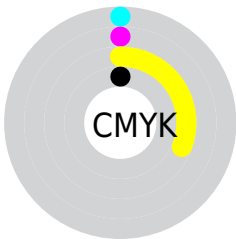
Distribution



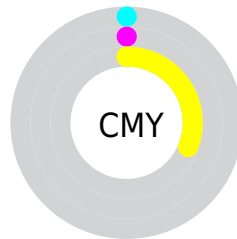
- Red (100%)
- Green (100%)
- Blue (69%)



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



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





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 84.5183, 95.2782, 55.0102 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 84.5183, 95.2782, 55.0102 by changing the saturation by 10% instead.


 84.5183, 95.2782,
55.0102

 84.5183, 95.2782,
55.0102


498.5405,
545.0552, 423.2336

 63.7646, 72.3665,
39.0112


 138.6175,
154.6489, 99.0272

 46.7210, 53.4582,
26.4606


172.6937,
191.8767, 127.8823

 33.0222, 38.1686,
16.9397


211.9414,
234.6454, 161.8599

 22.3027, 26.1136,
10.0300

256.7260,
283.3393, 201.3785

 14.1974, 16.9086,
5.3130

307.4129,
338.3428, 246.8566

 8.3407, 10.1694,
2.3701

364.3673,

 4.3673, 5.5114,

400.0404, 298.7128

0.7701

427.9548,
468.8164, 357.3656

■ 1.9120, 2.5503,
0.0000

■ 0.5838, 0.9018,
0.0000

■ 84.5183, 95.2782,
55.0102

■ 84.5183, 95.2782,
55.0102

■ 82.1278, 94.1626,
42.9133

■ 87.3876, 96.5922,
69.6071

■ 80.1825, 93.2221,
33.1704

■ 90.7532, 98.1017,
86.8271

■ 78.6555, 92.4491,
25.6296

■ 94.6404, 99.8201,
106.7926

■ 77.5142, 91.8307,
20.1187

■ 95.0500, 100.0000,
108.9000

■ 76.7210, 91.3518,
16.4400

■ 76.2310, 90.9944,
14.3566

■ 75.9855, 90.7509,
13.5118

Harmonies

Analogous

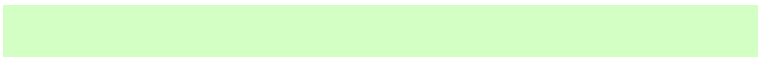
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.6558, 95.2782, 54.4210



84.5183, 95.2782, 55.0102



75.7412, 95.2782, 66.7647

Triad

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



84.5183, 95.2782, 55.0102



76.5082, 95.2782, 155.5466



113.2565, 95.2782, 118.7430

Complementary

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



84.5183, 95.2782, 55.0102



51.6764, 47.8931, 101.1284

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.



107.1935, 95.2782, 152.3384



84.5183, 95.2782, 55.0102



85.6466, 95.2782, 176.3686

Square

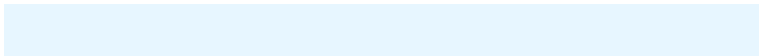
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



84.5183, 95.2782, 55.0102



71.3854, 95.2782, 122.4674



96.8810, 95.2782, 175.0859



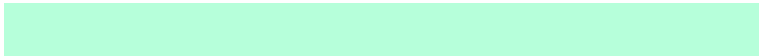
112.8910, 95.2782, 87.0294

Rectangle

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



84.5183, 95.2782, 55.0102



72.1332, 95.2782, 81.0596



96.8810, 95.2782, 175.0859



111.8826, 95.2782, 130.3036

Sweetspot

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



84.5206, 95.2824, 55.0122



91.4806, 98.4250, 90.5576



64.7335, 55.4987, 49.0624



19.4657, 21.0160, 18.7939



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

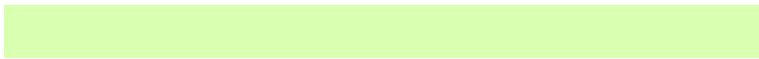
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.5206, 95.2824, 55.0122



83.0248, 94.5861, 47.4377



72.1579, 89.3785, 54.5242



19.5405, 21.0492, 19.1773



39.7130, 47.4373, 7.0632



3.8728, 4.6309, 0.6897

Inverse Universe

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



51.6764, 47.8931, 101.1284



45.5691, 40.5439, 100.0317



61.3613, 52.5956, 101.5256



17.0214, 17.4143, 22.7141



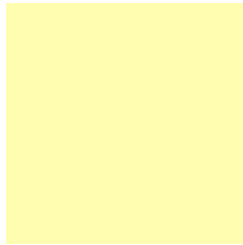
9.4576, 3.8248, 49.6744



0.9270, 0.3847, 4.8387

Previews

White Background



This preview shows how the XYZ color 84.5183, 95.2782, 55.0102 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 84.5183, 95.2782, 55.0102 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

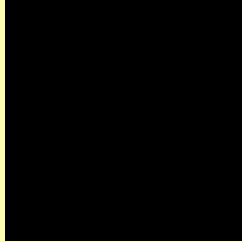
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 84.5183, 95.2782, 55.0102

Background



This preview shows how black text looks on a background with the XYZ color 84.5183, 95.2782, 55.0102.

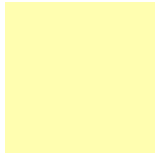


This preview shows how white text looks on a background with the XYZ color 84.5183, 95.2782,

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

84.5183, 95.2782, 55.0102

Protanopia

90.1336, 95.5144, 90.7764

Deuteranopia

91.2933, 95.4824, 98.4123

Tritanopia

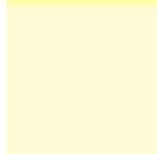
92.3902, 94.9373, 107.2212

Trichromacy



Original Color

84.5183, 95.2782, 55.0102



Protanomaly

87.6208, 95.0078, 76.0076



Deuteranomaly

88.5234, 95.3688, 80.7602



Tritanomaly

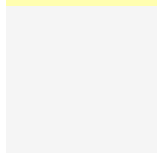
89.1531, 95.1222, 85.6131

Monochromacy



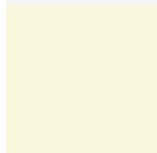
Original Color

84.5183, 95.2782, 55.0102



Achromatopsia

86.7900, 91.3099, 99.4364



Achromatomaly

85.5526, 92.4418, 81.0441

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.5183, 95.2782, 55.0102 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(255, 254, 176)` looks like.

```
.text, #text, p{  
    color:rgb(255, 254, 176)  
}
```

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(255, 254, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 254, 176) }
```

Border

The CSS property to change the border of an element to XYZ 84.5183, 95.2782, 55.0102 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(255, 254, 176) }
```


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

```
.border{ border-color:rgb(255, 254, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 254, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 254, 176); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 254, 176); box-shadow:4px 4px 4px 4px rgb(255, 254, 176) }
```

Background

The CSS property to change the background color of an element to XYZ 84.5183, 95.2782, 55.0102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 254, 176) }
```

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

```
.background{ background-color: rgb(255,  
254, 176) }
```

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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