

Converting Colors

XYZ(131.2846, 197.9124,
82.6266)

Have a look what the booklet for
XYZ(131.2846, 197.9124, 82.6266)
contains.

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Color

**XYZ(78.5653, 92.4491,
65.3334)**

Conversions

Conversions Part 1

Format	Color
Hex	E7FFC3
RGB	231, 255, 195
RGB Percent	91%, 100%, 76%
CMY	0.0941, 0.0000, 0.2353
CMYK	0.09, 0.00, 0.24, 0.00
HSL	84°, 100%, 88%
HSV	84°, 24%, 100%
XYZ	78.5653, 92.4491, 65.3334
YIQ	240.9840, 4.9560, -23.7480

Conversions

Conversions Part 2

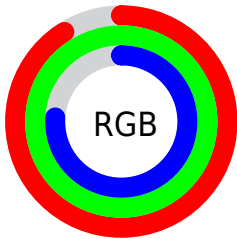
Format	Color
RYB	195, 255, 219
Decimal	15204291
CIELab	97.00, -17.84, 26.14
CIELCh	97, 31.650, 124.306
Yxy	92.4491, 0.3324, 0.3912
Android (android.graphics.Color)	4293394371 (0xFFE7FFC3)
YUV	240.9840, -22.6701, -8.7560
Hunter-Lab	96.1505, -22.4095, 27.0183

Details

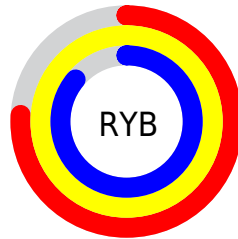
The XYZ color **78.5653, 92.4491, 65.3334** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **66.7795, 61.3116, 102.9224**, and the grayscale version is **83.7659, 88.1282, 95.9717**.

A 20% lighter version of the original color is **94.5707, 99.8083, 106.3760**, and **42.6810, 51.4252, 32.8758** is the 20% darker color. If you saturate the color by 10%, you get **72.7268, 89.7443, 51.2731**, and if you desaturate by 10%, it is **85.0891, 95.4501, 81.9985**.

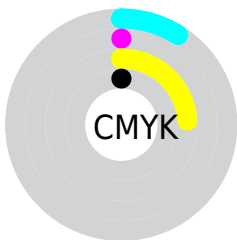
Distribution



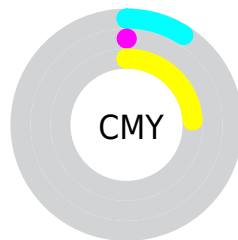
- Red (91%)
- Green (100%)
- Blue (76%)



- Red (76%)
- Yellow (100%)
- Blue (86%)



- Cyan (9%)
- Magenta (0%)
- Yellow (24%)
- Black (0%)



- Cyan (9%)
- Magenta (0%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 78.5653, 92.4491, 65.3334 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 78.5653, 92.4491, 65.3334 by changing the saturation by 10% instead.

78.5653, 92.4491,
65.3334

78.5653, 92.4491,
65.3334

478.8950,
535.9659, 462.3281

58.8429, 70.0137,
47.2784

130.3079,
150.7357, 114.1469

42.7325, 51.5377,
32.8999

163.0587,
187.3557, 145.7425

29.8689, 36.6367,
21.7793

200.8831,
229.4726, 182.6887

19.8867, 24.9263,
13.4980

244.1463,
277.4709, 225.4041

12.4205, 16.0222,
7.6376

293.2138,
331.7350, 274.3072

7.1050, 9.5399,
3.7795

348.4508,

3.5747, 5.0950,

392.6493, 329.8165

1.5052

410.2228,
460.5981, 392.3506

■ 1.4645, 2.3031,
0.2218

■ 0.3015, 0.7753,
0.0000

■ 78.5653, 92.4491,
65.3334

■ 78.5653, 92.4491,
65.3334

■ 72.7268, 89.7443,
51.2731

■ 85.0891, 95.4501,
81.9985

■ 67.5438, 87.3236,
39.6817

■ 92.3231, 98.7577,
101.3868

■ 62.9864, 85.1745,
30.4170

■ 95.0500, 100.0000,
108.9000

■ 59.0211, 83.2833,
23.3210

■ 55.6106, 81.6346,
18.2156

■ 52.7123, 80.2109,
14.8947

■ 50.2746, 78.9913,
13.1072

■ 48.8966, 78.2922,
12.5348

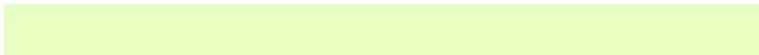
Harmonies

Analogous

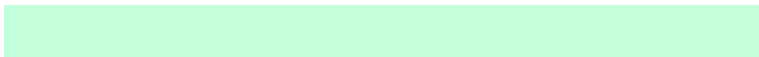
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.5903, 92.4491, 59.2400



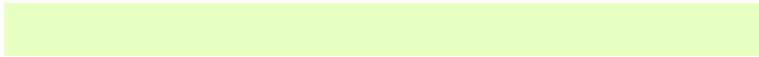
78.5653, 92.4491, 65.3334



73.3210, 92.4491, 80.8551

Triad

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



78.5653, 92.4491, 65.3334



80.6508, 92.4491, 151.6534



106.0813, 92.4491, 97.0230

Complementary

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



78.5653, 92.4491, 65.3334



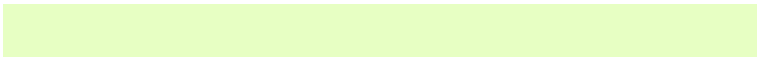
66.7795, 61.3116, 102.9224

Split Complementary

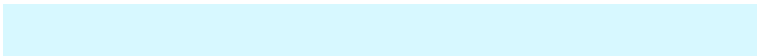
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



104.2268, 92.4491, 123.4637



78.5653, 92.4491, 65.3334



89.1624, 92.4491, 157.9308

Square

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



78.5653, 92.4491, 65.3334



74.4667, 92.4491, 130.9184



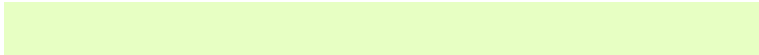
97.8820, 92.4491, 146.8644



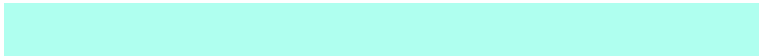
102.7924, 92.4491, 75.4670

Rectangle

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



78.5653, 92.4491, 65.3334



71.9040, 92.4491, 95.8721



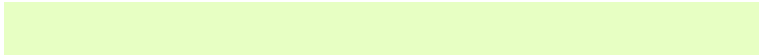
97.8820, 92.4491, 146.8644



106.0403, 92.4491, 105.6075

Sweetspot

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



78.5658, 92.4493, 65.3347



89.7297, 97.5741, 94.3401



76.4225, 75.8640, 62.2464



19.1113, 20.8416, 19.9378



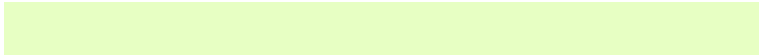
0.0000, 0.0000, 0.0000



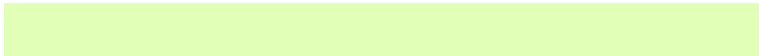
20.3446, 21.4041, 23.3091

Same Dimension

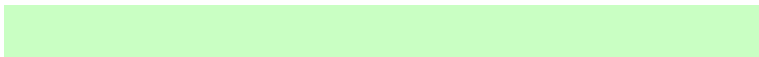
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.5658, 92.4493, 65.3347



75.8719, 91.2039, 58.7331



69.6985, 87.8780, 64.9198



18.8170, 20.7071, 19.1494



25.7226, 40.9986, 6.5578



2.6279, 4.0555, 0.6443

Inverse Universe

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



66.7795, 61.3116, 102.9224



62.3052, 55.3559, 102.0087



76.6326, 66.3910, 103.3835



17.6907, 17.7323, 22.7402



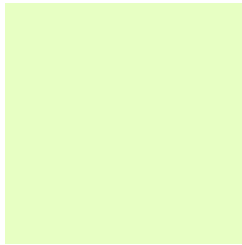
12.4520, 5.3297, 49.8070



1.3317, 0.5804, 4.8551

Previews

White Background



This preview shows how the XYZ color 78.5653, 92.4491, 65.3334 looks on a white background.

Color Contrast Check

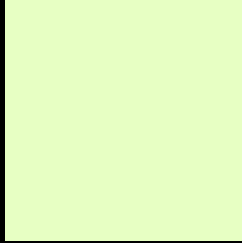
Large Text (above 18pt) WCAG AA × Fail

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 78.5653, 92.4491, 65.3334 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

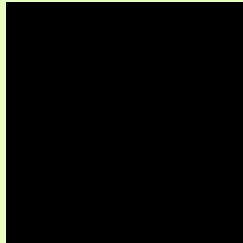
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

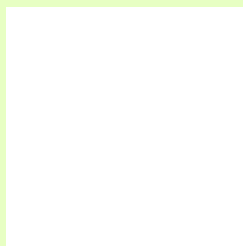
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 78.5653, 92.4491, 65.3334

Background



This preview shows how black text looks on a background with the XYZ color 78.5653, 92.4491, 65.3334.



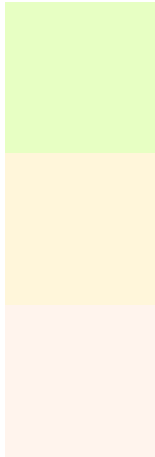
This preview shows how white text looks on a background with the XYZ color 78.5653, 92.4491,

65.3334.

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

78.5653, 92.4491, 65.3334

Protanopia

86.8507, 92.2335, 79.5550

Deuteranopia

88.8767, 92.0758, 93.2089

Tritanopia

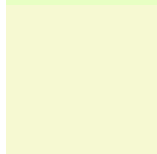
88.3140, 92.3646, 107.7813

Trichromacy



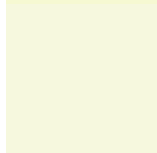
Original Color

78.5653, 92.4491, 65.3334



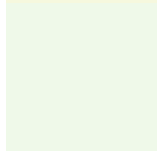
Protanomaly

83.5146, 91.9973, 74.3283



Deuteranomaly

84.7583, 92.0016, 82.3981



Tritanomaly

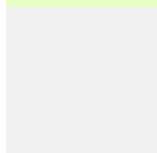
84.1803, 91.9853, 90.4090

Monochromacy



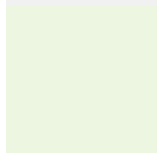
Original Color

78.5653, 92.4491, 65.3334



Achromatopsia

83.6081, 87.9622, 95.7909



Achromatomaly

81.3354, 89.2979, 83.4704

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.5653, 92.4491, 65.3334 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(231, 255, 195)` looks like.

```
.text, #text, p{  
    color:rgb(231, 255, 195)  
}
```

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(231, 255, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 255, 195) }
```

Border

The CSS property to change the border of an element to XYZ 78.5653, 92.4491, 65.3334 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(231, 255, 195) }
```


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

```
.border{ border-color:rgb(231, 255, 195) }
```

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

Here you see how a box with a 4 pixel rgb(231, 255, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 255, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 255, 195);  
box-shadow:4px 4px 4px 4px rgb(231, 255,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 78.5653, 92.4491, 65.3334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 255, 195) }
```

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

```
.background{ background-color: rgb(231,  
255, 195) }
```

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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