

Converting Colors

XYZ(89.4631, 92.4033, 79.4062)

Have a look what the booklet for
XYZ(89.4631, 92.4033, 79.4062)
contains.

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Color

**XYZ(85.9455, 90.4231,
79.2533)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF3DA
RGB	255, 243, 218
RGB Percent	100%, 95%, 85%
CMY	0.0000, 0.0470, 0.1451
CMYK	0.00, 0.05, 0.15, 0.00
HSL	41°, 100%, 93%
HSV	41°, 15%, 100%
XYZ	85.9455, 90.4231, 79.2533
YIQ	243.7380, 15.1770, -5.2310

Conversions

Conversions Part 2

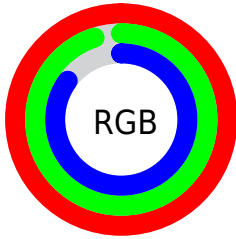
Format	Color
R_{YB}	236, 255, 218
Decimal	16774106
CIE _{Lab}	96.17, 0.00, 13.49
CIE _{LCh}	96, 13.493, 89.992
Yxy	90.4231, 0.3362, 0.3537
Android (android.graphics.Color)	4294964186 (0xFFFFF3DA)
YUV	243.7380, -12.6888, 9.8768
Hunter-Lab	95.0911, -5.0769, 17.1487

Details

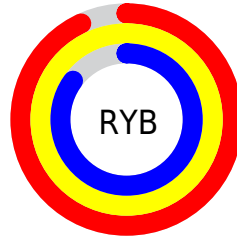
The XYZ color **85.9455, 90.4231, 79.2533** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **75.2597, 78.7170, 105.8350**, and the grayscale version is **85.8712, 90.3432, 98.3837**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.6699, 50.1908, 41.8256** is the 20% darker color. If you saturate the color by 10%, you get **80.4440, 84.3558, 62.2037**, and if you desaturate by 10%, it is **92.0760, 96.9262, 99.0477**.

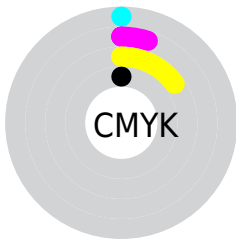
Distribution



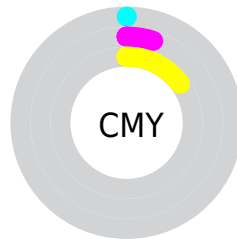
- Red (100%)
- Green (95%)
- Blue (85%)



- Red (93%)
- Yellow (100%)
- Blue (85%)



- Cyan (0%)
- Magenta (5%)
- Yellow (15%)
- Black (0%)





- Cyan (0%)
- Magenta (5%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 85.9455, 90.4231, 79.2533 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 85.9455, 90.4231, 79.2533 by changing the saturation by 10% instead.


 85.9455, 90.4231,
79.2533

 85.9455, 90.4231,
79.2533


503.1882,
529.4062, 512.0531

 64.9480, 68.3316,
58.5815

140.6007,
147.9260, 134.1173

 47.6835, 50.1676,
41.8586


174.9890,
184.1061, 169.1466

 33.7865, 35.5466,
28.6658


214.5718,
225.7513, 209.7989

 22.8917, 24.0842,
18.5848

259.7142,
273.2459, 256.4926

 14.6338, 15.3961,
11.1969

310.7817,
326.9743, 309.6463

 8.6475, 9.0978,
6.0836

368.1396,

 4.5672, 4.8051,

387.3209, 369.6786

2.8264

432.1533,
454.6700, 437.0080

■ 2.0278, 2.1333,
1.0067

■ 0.6495, 0.6833,
0.0000

■ 85.9455, 90.4231,
79.2533

■ 85.9455, 90.4231,
79.2533

■ 80.4440, 84.3558,
62.2037

■ 92.0760, 96.9262,
99.0477

■ 75.5404, 78.7005,
47.7695

95.0500, 100.0000,
108.9000

■ 71.2102, 73.4482,
35.8193

■ 67.4243, 68.5847,
26.2081

■ 64.1510, 64.0949,
18.7757

■ 61.3543, 59.9619,
13.3414

■ 58.9930, 56.1667,
9.6953

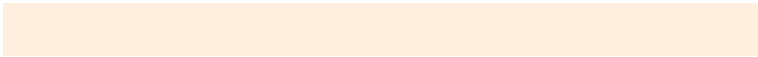
■ 57.0166, 52.6864,
7.5799

■ 56.0564, 50.8928,
6.8688

Harmonies

Analogous

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



89.5934, 90.4231, 81.6677



85.9455, 90.4231, 79.2533



82.3977, 90.4231, 81.6650

Triad

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



85.9455, 90.4231, 79.2533



79.8622, 90.4231, 109.1193



92.3268, 90.4231, 109.1249

Complementary

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



85.9455, 90.4231, 79.2533



75.2597, 78.7170, 105.8350

Split Complementary

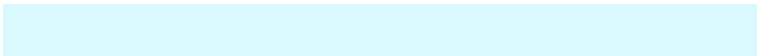
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



89.5915, 90.4231, 117.4025



85.9455, 90.4231, 79.2533



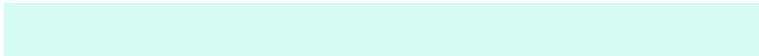
82.3960, 90.4231, 117.3991

Square

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



85.9455, 90.4231, 79.2533



78.9483, 90.4231, 98.4524



85.9434, 90.4231, 120.5327



93.3422, 90.4231, 98.4584

Rectangle

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



85.9455, 90.4231, 79.2533



80.5503, 90.4231, 85.7929



85.9434, 90.4231, 120.5327



91.5742, 90.4231, 112.3062

Sweetspot

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



85.9476, 90.4269, 79.2552



92.4051, 97.2688, 100.1307



80.6419, 77.1358, 85.7479



19.6745, 20.7113, 21.0901



0.0000, 0.0000, 0.0000



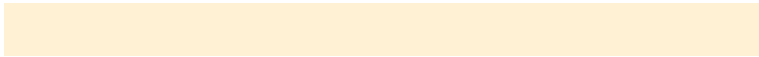
20.3446, 21.4041, 23.3091

Same Dimension

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



85.9476, 90.4269, 79.2552



84.5192, 88.8750, 74.7561



87.4228, 96.6912, 80.3866



19.0357, 20.0397, 19.0091



29.4322, 26.8756, 3.6363



2.9651, 2.8155, 0.3872

Inverse Universe

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



75.2597, 78.7170, 105.8350



72.2162, 75.3964, 105.3545



73.9146, 73.2380, 104.8484



17.4838, 18.3392, 22.8683



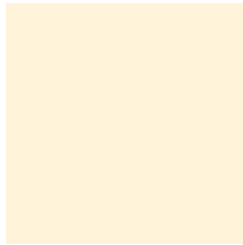
11.1541, 7.2177, 50.2399



1.1804, 0.8915, 4.9231

Previews

White Background



This preview shows how the XYZ color 85.9455, 90.4231, 79.2533 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 85.9455, 90.4231, 79.2533 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

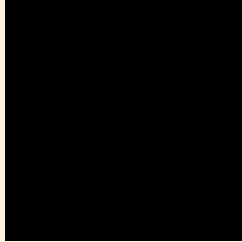
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 85.9455, 90.4231, 79.2533

Background



This preview shows how black text looks on a background with the XYZ color 85.9455, 90.4231, 79.2533.



This preview shows how white text looks on a background with the XYZ color 85.9455, 90.4231,

79.2533.

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

85.9455, 90.4231, 79.2533

Protanopia

85.5785, 90.2340, 79.2361

Deuteranopia

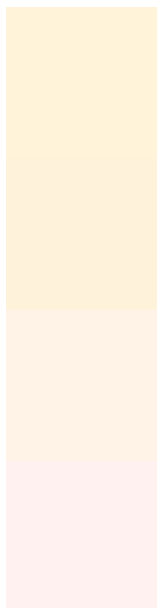
87.9814, 90.2850, 92.9104



Tritanopia

89.9708, 90.6085, 104.8427

Trichromacy



Original Color

85.9455, 90.4231, 79.2533

Protanomaly

85.5785, 90.2340, 79.2361

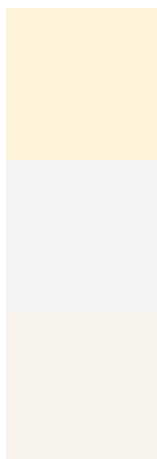
Deuteranomaly

87.2751, 90.4774, 87.7269

Tritanomaly

88.4235, 90.4619, 95.2385

Monochromacy



Original Color

85.9455, 90.4231, 79.2533

Achromatopsia

85.9880, 90.4661, 98.5176

Achromatomaly

86.0575, 90.6560, 91.5599

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.9455, 90.4231, 79.2533 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, 243, 218)` looks like.

```
.text, #text, p{  
    color:rgb(255, 243, 218)  
}
```

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, 243, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 243, 218) }
```

Border

The CSS property to change the border of an element to XYZ 85.9455, 90.4231, 79.2533 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, 243, 218) }
```


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

```
.border{ border-color:rgb(255, 243, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 243, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 243, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 243, 218);  
box-shadow:4px 4px 4px 4px rgb(255, 243,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 85.9455, 90.4231, 79.2533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 243, 218) }
```

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

```
.background{ background-color: rgb(255,  
243, 218) }
```

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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