

Converting Colors

XYZ(79.7655, 86.2451, 65.3507)

Have a look what the booklet for
XYZ(79.7655, 86.2451, 65.3507)
contains.

XYZ(79.5959, 86.1256, 65.2521)	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(79.5959, 86.1256,
65.2521)**

Conversions

Conversions Part 1

Format	Color
Hex	F7F0C5
RGB	247, 240, 197
RGB Percent	97%, 94%, 77%
CMY	0.0314, 0.0588, 0.2274
CMYK	0.00, 0.03, 0.20, 0.03
HSL	52°, 76%, 87%
HSV	52°, 20%, 97%
XYZ	79.5959, 86.1256, 65.2521
YIQ	237.1910, 17.9750, -11.8890

Conversions

Conversions Part 2

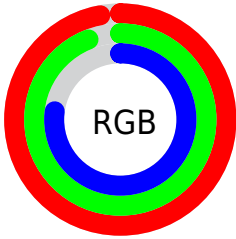
Format	Color
R_{YB}	205, 247, 197
Decimal	16249029
CIE _{Lab}	94.37, -4.43, 21.67
CIE _{LCh}	94, 22.114, 101.547
Yxy	86.1256, 0.3446, 0.3729
Android (android.graphics.Color)	4294439109 (0xFFFF7F0C5)
YUV	237.1910, -19.8142, 8.6025
Hunter-Lab	92.8039, -9.3112, 23.2748

Details

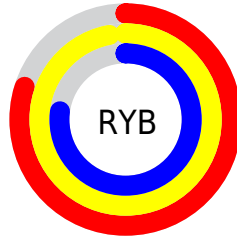
The XYZ color **79.5959, 86.1256, 65.2521** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **61.4070, 61.7700, 96.6824**, and the grayscale version is **80.7835, 84.9905, 92.5547**.

A 20% lighter version of the original color is **94.8894, 99.9358, 108.0543**, and **43.3336, 47.2113, 32.8154** is the 20% darker color. If you saturate the color by 10%, you get **75.9877, 83.0731, 51.2117**, and if you desaturate by 10%, it is **83.6918, 89.4100, 81.7449**.

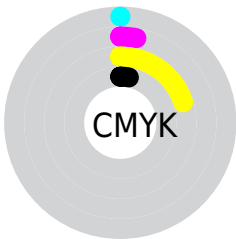
Distribution



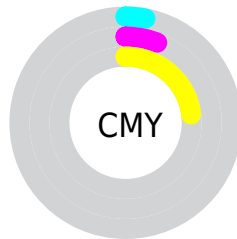
- Red (97%)
- Green (94%)
- Blue (77%)



- Red (80%)
- Yellow (97%)
- Blue (77%)



- Cyan (0%)
- Magenta (3%)
- Yellow (20%)
- Black (3%)



- Cyan (3%)
- Magenta (6%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.5959, 86.1256, 65.2521 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 79.5959, 86.1256, 65.2521 by changing the saturation by 10% instead.

79.5959, 86.1256,
65.2521

79.5959, 86.1256,
65.2521

482.3272,
515.3453, 462.0283

59.6932, 64.7718,
47.2129

131.7509,
141.9447, 114.0290

43.4199, 47.2761,
32.8484

164.7340,
177.1789, 145.6037

30.4107, 33.2540,
21.7402

202.8079,
217.8087, 182.5274

20.3001, 22.3211,
13.4696

246.3380,
264.2185, 225.2185

12.7229, 14.0930,
7.6182

295.6896,
316.7926, 274.0956

7.3137, 8.1854,
3.7674

351.2281,

3.7071, 4.2138,

375.9155, 329.5772

1.4986

413.3189,
441.9716, 392.0820

■ 1.5378, 1.7939,
0.2169

■ 0.3513, 0.4833,
0.0000

■ 79.5959, 86.1256,
65.2521

■ 79.5959, 86.1256,
65.2521

■ 75.9877, 83.0731,
51.2117

■ 83.6918, 89.4100,
81.7449

■ 72.8378, 80.2319,
39.4994

■ 88.2896, 92.9234,
100.7954

■ 70.1238, 77.5956,
29.9882

■ 90.7093, 95.5969,
108.2789

■ 67.8189, 75.1535,
22.5369

■ 91.7950, 97.7683,
108.6408

■ 65.8929, 72.8932,
16.9878

■ 92.1679, 98.5142,
108.7651

■ 64.3114, 70.8009,
13.1602

■ 63.0335, 68.8599,
10.8388

■ 62.0136, 67.0855,
9.6803

Harmonies

Analogous

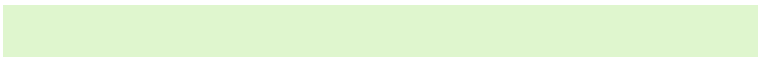
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.5268, 86.1256, 66.0559



79.5959, 86.1256, 65.2521



74.5194, 86.1256, 71.3735

Triad

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



79.5959, 86.1256, 65.2521



73.6097, 86.1256, 117.1745



93.1734, 86.1256, 104.5104

Complementary

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



79.5959, 86.1256, 65.2521



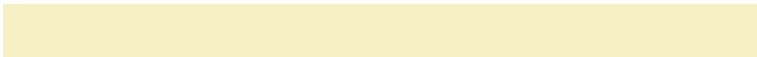
61.4070, 61.7700, 96.6824

Split Complementary

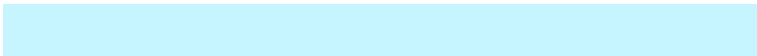
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



89.6671, 86.1256, 120.4353



79.5959, 86.1256, 65.2521



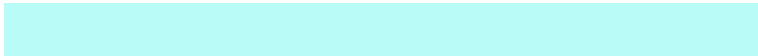
78.2992, 86.1256, 128.3342

Square

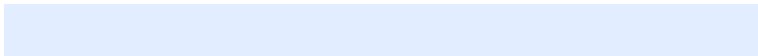
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



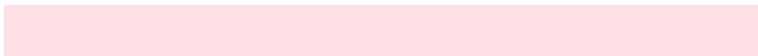
79.5959, 86.1256, 65.2521



71.1765, 86.1256, 100.4739



84.1662, 86.1256, 129.5949



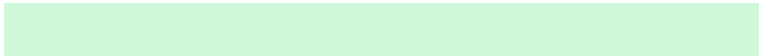
93.5620, 86.1256, 87.3828

Rectangle

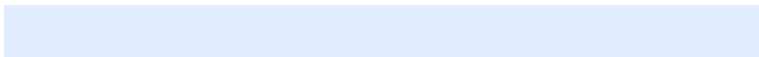
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.5959, 86.1256, 65.2521



72.2274, 86.1256, 79.0456



84.1662, 86.1256, 129.5949



92.3126, 86.1256, 110.2317

Sweetspot

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



79.5982, 86.1294, 65.2539



92.0046, 97.6955, 96.2126



69.2840, 64.0914, 66.1620



19.6244, 20.8583, 20.3110



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

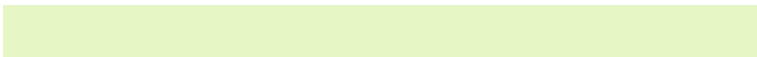
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.5982, 86.1294, 65.2539



84.0446, 91.3249, 64.1191



75.8124, 87.2937, 65.6782



17.7055, 18.8951, 17.5115



32.8760, 35.6376, 5.1460



2.9427, 3.2386, 0.4700

Inverse Universe

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



61.4070, 61.7700, 96.6824



61.4522, 61.0736, 103.1573



64.6335, 61.0206, 96.3677



15.7681, 16.3005, 20.8578



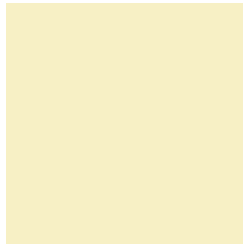
9.2492, 4.2921, 46.8790



0.8694, 0.4903, 4.1390

Previews

White Background



This preview shows how the XYZ color 79.5959, 86.1256, 65.2521 looks on a white background.

Color Contrast Check

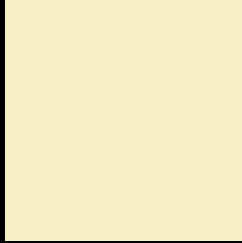
Large Text (above 18pt) WCAG AA × Fail

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 79.5959, 86.1256, 65.2521 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

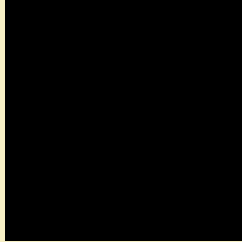
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.5959, 86.1256, 65.2521

Background



This preview shows how black text looks on a background with the XYZ color 79.5959, 86.1256, 65.2521.

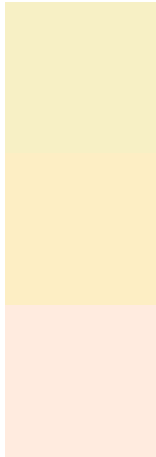


This preview shows how white text looks on a background with the XYZ color 79.5959, 86.1256,

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

79.5959, 86.1256, 65.2521

Protanopia

81.0464, 86.0172, 64.5559

Deuteranopia

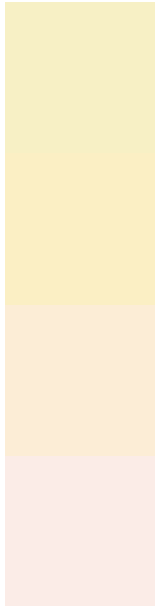
84.2676, 86.0044, 81.9712



Tritanopia

87.4246, 86.3137, 103.3192

Trichromacy



Original Color

79.5959, 86.1256, 65.2521

Protanomaly

80.6140, 86.2278, 64.6194

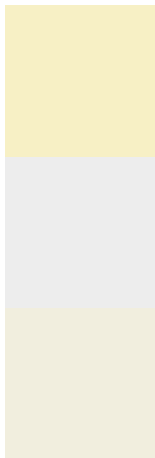
Deuteranomaly

82.5667, 86.1189, 75.8892

Tritanomaly

84.2029, 86.2697, 87.8150

Monochromacy



Original Color

79.5959, 86.1256, 65.2521

Achromatopsia

80.4953, 84.6873, 92.2245

Achromatomaly

80.0350, 85.1238, 81.3195

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.5959, 86.1256, 65.2521 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(247, 240, 197)` looks like.

```
.text, #text, p{  
    color:rgb(247, 240, 197)  
}
```

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(247, 240, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 240, 197) }
```

Border

The CSS property to change the border of an element to XYZ 79.5959, 86.1256, 65.2521 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(247, 240, 197) }
```


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

```
.border{ border-color:rgb(247, 240, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 240, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 240, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 240, 197);  
box-shadow:4px 4px 4px 4px rgb(247, 240,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 79.5959, 86.1256, 65.2521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 240, 197) }
```

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

```
.background{ background-color: rgb(247,  
240, 197) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor