

Converting Colors

XYZ(85.2749, 86.8570, 58.3193)

Have a look what the booklet for
XYZ(85.2749, 86.8570, 58.3193)
contains.

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Color

**XYZ(79.7053, 84.1794,
57.9463)**

Conversions

Conversions Part 1

Format	Color
Hex	FFEBB9
RGB	255, 235, 185
RGB Percent	100%, 92%, 73%
CMY	0.0000, 0.0784, 0.2745
CMYK	0.00, 0.08, 0.27, 0.00
HSL	43°, 100%, 86%
HSV	43°, 27%, 100%
XYZ	79.7053, 84.1794, 57.9463
YIQ	235.2800, 27.9700, -11.3100

Conversions

Conversions Part 2

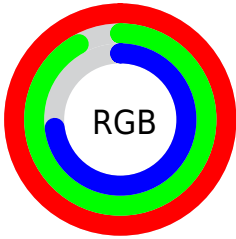
Format	Color
R _Y B	213, 255, 185
Decimal	16772025
CIE Lab	93.53, -0.60, 26.77
CIE LCh	94, 26.773, 91.284
Yxy	84.1794, 0.3593, 0.3795
Android (android.graphics.Color)	4294962105 (0xFFFFEBB9)
YUV	235.2800, -24.7880, 17.2944
Hunter-Lab	91.7493, -5.4932, 26.7786

Details

The XYZ color **79.7053, 84.1794, 57.9463** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **59.8884, 61.1952, 103.2631**, and the grayscale version is **79.3487, 83.4810, 90.9109**.

A 20% lighter version of the original color is **92.8772, 99.1309, 97.4581**, and **43.5737, 45.9119, 28.3951** is the 20% darker color. If you saturate the color by 10%, you get **75.2088, 79.1150, 44.3366**, and if you desaturate by 10%, it is **84.7740, 89.6152, 74.1307**.

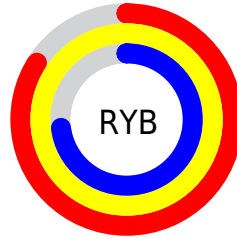
Distribution



Red (100%)

Green (92%)

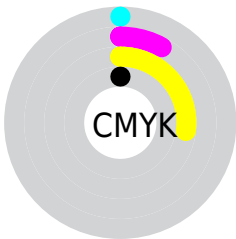
Blue (73%)



Red (84%)

Yellow (100%)

Blue (73%)

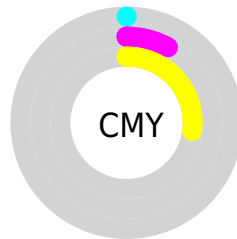


Cyan (0%)

Magenta (8%)

Yellow (27%)

Black (0%)



Cyan (0%)


Magenta (8%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.7053, 84.1794, 57.9463 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 79.7053, 84.1794, 57.9463 by changing the saturation by 10% instead.


 79.7053, 84.1794,
57.9463

 79.7053, 84.1794,
57.9463


482.6908,
508.9088, 434.5785

 59.7835, 63.1636,
41.3511

 131.9040,
139.2261, 103.3587

 43.4930, 45.9735,
28.2717


164.9117,
174.0258, 133.0129

 30.4683, 32.2249,
18.2898


203.0120,
214.1888, 167.8571

 20.3441, 21.5334,
10.9866

246.5703,
260.0996, 208.3100

 12.7552, 13.5144,
5.9438

295.9520,
312.1427, 254.7901

 7.3360, 7.7837,
2.7427

351.5224,

 3.7213, 3.9569,

370.7023, 307.7158

0.9648

413.6469,
436.1628, 367.5057

■ 1.5457, 1.6495,
0.0000

■ 0.3566, 0.3906,
0.0000

■ 79.7053, 84.1794,
57.9463

■ 79.7053, 84.1794,
57.9463

■ 75.2088, 79.1150,
44.3366

■ 84.7740, 89.6152,
74.1307

■ 71.2518, 74.3984,
33.1600

■ 90.4339, 95.4227,
93.0105

■ 67.8069, 70.0201,
24.2693

95.0500, 100.0000,
108.9000

■ 64.8419, 65.9654,
17.4991

■ 62.3199, 62.2180,
12.6616

■ 60.1980, 58.7588,
9.5355

■ 58.4204, 55.5639,
7.8325

■ 58.0015, 54.7829,
7.5172

Harmonies

Analogous

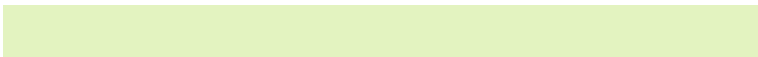
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.7299, 84.1794, 61.5427



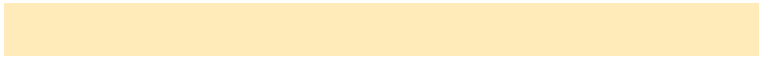
79.7053, 84.1794, 57.9463



73.1476, 84.1794, 62.2151

Triad

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



79.7053, 84.1794, 57.9463



68.9319, 84.1794, 113.4276



92.5514, 84.1794, 111.6921

Complementary

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



79.7053, 84.1794, 57.9463



59.8884, 61.1952, 103.2631

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.



87.2887, 84.1794, 129.1720



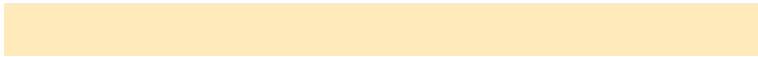
79.7053, 84.1794, 57.9463



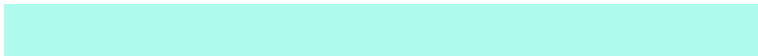
73.6465, 84.1794, 130.2734

Square

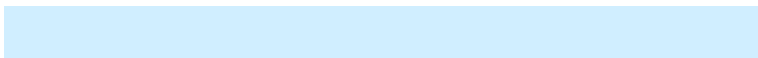
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.7053, 84.1794, 57.9463



67.1584, 84.1794, 92.5336



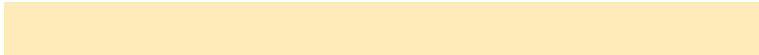
80.3155, 84.1794, 136.4160



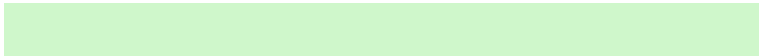
94.4047, 84.1794, 90.7861

Rectangle

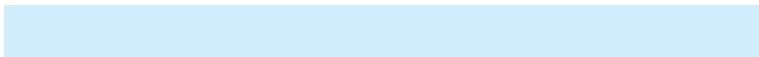
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.7053, 84.1794, 57.9463



69.8522, 84.1794, 69.3727



80.3155, 84.1794, 136.4160



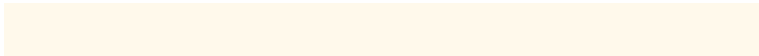
91.1077, 84.1794, 118.2656

Sweetspot

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



79.7073, 84.1831, 57.9481



90.1069, 95.0935, 91.9003



69.7302, 60.4151, 66.3796



19.0971, 20.1624, 19.0295



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.



79.7073, 84.1831, 57.9481



77.1422, 81.3262, 50.0849



80.7930, 93.7237, 59.7324



19.0971, 20.1624, 19.0295



30.4409, 28.8930, 3.9725



3.0573, 2.9999, 0.4179

Inverse Universe

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



59.8884, 61.1952, 103.2631



54.3015, 54.8402, 102.3310



58.9530, 54.0611, 101.9354



17.4255, 18.2226, 22.8488



10.7801, 6.4697, 50.1152



1.1380, 0.8067, 4.9090

Previews

White Background



This preview shows how the XYZ color 79.7053, 84.1794, 57.9463 looks on a white background.

Color Contrast Check

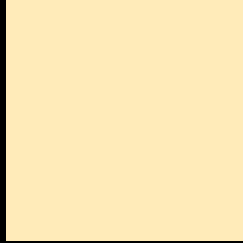
Large Text (above 18pt) WCAG AA × Fail

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 79.7053, 84.1794, 57.9463 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 79.7053, 84.1794, 57.9463

Background



This preview shows how black text looks on a background with the XYZ color 79.7053, 84.1794, 57.9463.



This preview shows how white text looks on a background with the XYZ color 79.7053, 84.1794,

57.9463.

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

79.7053, 84.1794, 57.9463

Protanopia

78.8973, 84.1891, 57.9907

Deuteranopia

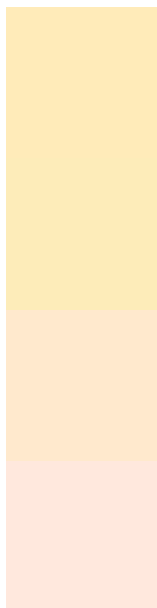
82.4913, 83.9311, 76.8183



Tritanopia

85.5638, 84.2644, 95.7594

Trichromacy



Original Color

79.7053, 84.1794, 57.9463

Protanomaly

79.2604, 84.3763, 58.0077

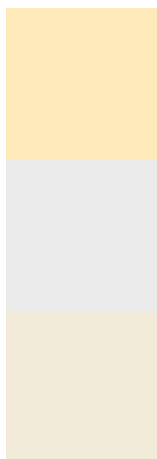
Deuteranomaly

81.3984, 83.9456, 69.6706

Tritanomaly

83.1478, 84.1937, 80.2753

Monochromacy



Original Color

79.7053, 84.1794, 57.9463

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

78.8507, 83.3037, 77.5690

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.7053, 84.1794, 57.9463 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, 235, 185)` looks like.

```
.text, #text, p{  
    color:rgb(255, 235, 185)  
}
```

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, 235, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 235, 185) }
```

Border

The CSS property to change the border of an element to XYZ 79.7053, 84.1794, 57.9463 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, 235, 185) }
```


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

```
.border{ border-color:rgb(255, 235, 185) }
```

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

Here you see how a box with a 4 pixel rgb(255, 235, 185) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 235, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 235, 185);  
box-shadow:4px 4px 4px 4px rgb(255, 235,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 79.7053, 84.1794, 57.9463 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 235, 185) }
```

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

```
.background{ background-color: rgb(255,  
235, 185) }
```

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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