

Converting Colors

XYZ(191.7659, 142.1002,
62.5082)

Have a look what the booklet for
XYZ(191.7659, 142.1002, 62.5082)
contains.

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Color

**XYZ(79.6001, 84.1374,
57.3922)**

Conversions

Conversions Part 1

Format	Color
Hex	FFEBB8
RGB	255, 235, 184
RGB Percent	100%, 92%, 72%
CMY	0.0000, 0.0784, 0.2784
CMYK	0.00, 0.08, 0.28, 0.00
HSL	43°, 100%, 86%
HSV	43°, 28%, 100%
XYZ	79.6001, 84.1374, 57.3922
YIQ	235.1660, 28.2910, -11.6210

Conversions

Conversions Part 2

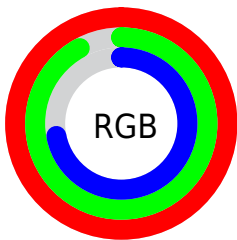
Format	Color
R _Y B	212, 255, 184
Decimal	16772024
CIE Lab	93.51, -0.73, 27.25
CIE LCh	94, 27.263, 91.532
Yxy	84.1374, 0.3600, 0.3805
Android (android.graphics.Color)	4294962104 (0xFFFFE8B8)
YUV	235.1660, -25.2248, 17.3944
Hunter-Lab	91.7264, -5.6192, 27.1114

Details

The XYZ color **79.6001, 84.1374, 57.3922** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **59.4095, 60.5943, 103.1724**, and the grayscale version is **79.2649, 83.3928, 90.8148**.

A 20% lighter version of the original color is **92.7282, 99.0713, 96.6734**, and **43.5055, 45.8847, 28.0364** is the 20% darker color. If you saturate the color by 10%, you get **75.1503, 79.1368, 43.8889**, and if you desaturate by 10%, it is **84.6189, 89.5043, 73.4642**.

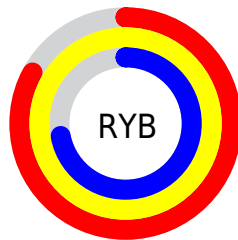
Distribution



Red (100%)

Green (92%)

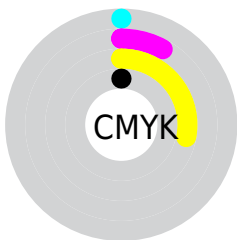
Blue (72%)



Red (83%)

Yellow (100%)

Blue (72%)

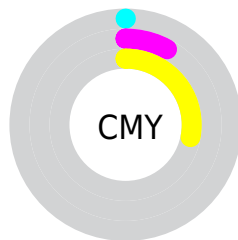


Cyan (0%)

Magenta (8%)

Yellow (28%)

Black (0%)



Cyan (0%)


Magenta (8%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.6001, 84.1374, 57.3922 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 79.6001, 84.1374, 57.3922 by changing the saturation by 10% instead.


 79.6001, 84.1374,
57.3922

 79.6001, 84.1374,
57.3922

482.3412,
508.7694, 432.4521

 59.6967, 63.1289,
40.9087


 131.7568,
139.1674, 102.5432

 43.4227, 45.9455,
27.9286


164.7408,
173.9576, 132.0479

 30.4129, 32.2028,
18.0333


202.8157,
214.1105, 166.7301

 20.3018, 21.5164,
10.8042

246.3469,
260.0105, 207.0083

 12.7242, 13.5020,
5.8228

295.6997,
312.0420, 253.3010

 7.3146, 7.7751,
2.6706

351.2394,

 3.7077, 3.9514,

370.5894, 306.0269

0.9286

413.3315,
436.0371, 365.6044

■ 1.5381, 1.6464,
0.0000

■ 0.3516, 0.3886,
0.0000

■ 79.6001, 84.1374,
57.3922

■ 79.6001, 84.1374,
57.3922

■ 75.1503, 79.1368,
43.8889

■ 84.6189, 89.5043,
73.4642

■ 71.2365, 74.4789,
32.8124

■ 90.2254, 95.2376,
92.2262

■ 67.8314, 70.1542,
24.0148

95.0500, 100.0000,
108.9000

■ 64.9025, 66.1480,
17.3302

■ 62.4130, 62.4441,
12.5695

■ 60.3195, 59.0233,
9.5099

■ 58.5647, 55.8611,
7.8536

■ 58.2127, 55.2055,
7.5876

Harmonies

Analogous

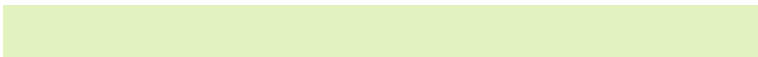
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.7584, 84.1374, 60.9666



79.6001, 84.1374, 57.3922



72.9401, 84.1374, 61.7791

Triad

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



79.6001, 84.1374, 57.3922



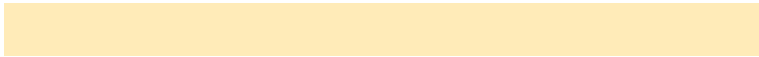
68.7315, 84.1374, 113.9718



92.7800, 84.1374, 111.8588

Complementary

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



79.6001, 84.1374, 57.3922



59.4095, 60.5943, 103.1724

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.



87.4378, 84.1374, 129.7691



79.6001, 84.1374, 57.3922



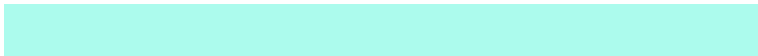
73.5454, 84.1374, 131.1122

Square

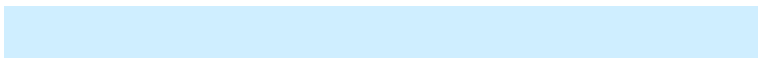
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.6001, 84.1374, 57.3922



66.9030, 84.1374, 92.6766



80.3412, 84.1374, 137.2823



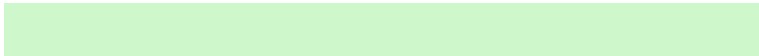
94.6366, 84.1374, 90.5542

Rectangle

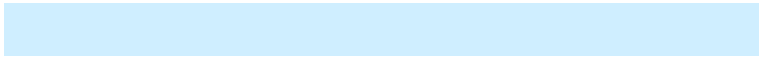
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.6001, 84.1374, 57.3922



69.6043, 84.1374, 69.0762



80.3412, 84.1374, 137.2823



91.3171, 84.1374, 118.5812

Sweetspot

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



79.6021, 84.1412, 57.3940



90.1323, 95.1443, 91.9088



69.2942, 59.9072, 65.1121



19.1035, 20.1752, 19.0317



0.0000, 0.0000, 0.0000



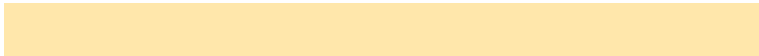
20.3446, 21.4041, 23.3091

Same Dimension

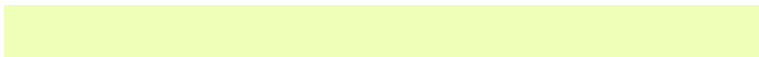
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.6021, 84.1412, 57.3940



77.2371, 81.5160, 50.1165



80.2173, 93.4391, 59.1562



19.1035, 20.1752, 19.0317



30.5504, 29.1120, 4.0090



3.0672, 3.0198, 0.4212

Inverse Universe

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



59.4095, 60.5943, 103.1724



54.2257, 54.6887, 102.3057



58.8464, 53.6967, 101.8707



17.4194, 18.2105, 22.8468



10.7441, 6.3977, 50.1032



1.1338, 0.7984, 4.9076

Previews

White Background



This preview shows how the XYZ color 79.6001, 84.1374, 57.3922 looks on a white background.

Color Contrast Check

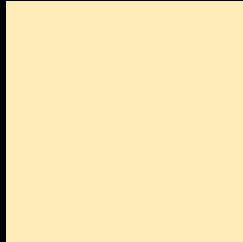
Large Text (above 18pt) WCAG AA × Fail

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 79.6001, 84.1374, 57.3922 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

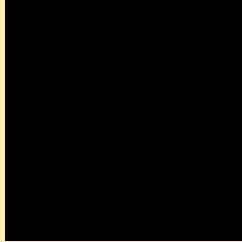
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.6001, 84.1374, 57.3922

Background



This preview shows how black text looks on a background with the XYZ color 79.6001, 84.1374, 57.3922.



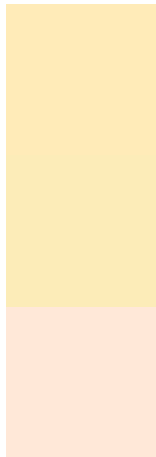
This preview shows how white text looks on a background with the XYZ color 79.6001, 84.1374,

57.3922.

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

79.6001, 84.1374, 57.3922

Protanopia

78.7921, 84.1470, 57.4366

Deuteranopia

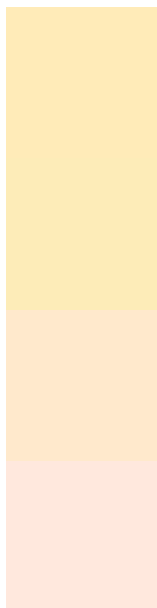
82.4913, 83.9311, 76.8183



Tritanopia

85.5638, 84.2644, 95.7594

Trichromacy



Original Color

79.6001, 84.1374, 57.3922

Protanomaly

79.1552, 84.3342, 57.4536

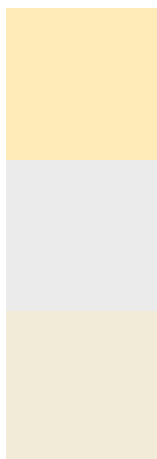
Deuteranomaly

81.2780, 83.8975, 69.0368

Tritanomaly

83.1478, 84.1937, 80.2753

Monochromacy



Original Color

79.6001, 84.1374, 57.3922

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

78.7210, 83.2518, 76.8859

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.6001, 84.1374, 57.3922 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, 184)` looks like.

```
.text, #text, p{  
    color:rgb(255, 235, 184)  
}
```

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, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 235, 184) }
```

Border

The CSS property to change the border of an element to XYZ 79.6001, 84.1374, 57.3922 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, 184) }
```


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

```
.border{ border-color:rgb(255, 235, 184) }
```

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, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 235, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 235, 184);  
box-shadow:4px 4px 4px 4px rgb(255, 235,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 79.6001, 84.1374, 57.3922 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, 184) }
```

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

```
.background{ background-color: rgb(255,  
235, 184) }
```

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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