

Converting Colors

XYZ(75.8668, 84.7982, 53.1858)

Have a look what the booklet for
XYZ(75.8668, 84.7982, 53.1858)
contains.

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Color

**XYZ(75.9097, 84.9224,
53.4651)**

Conversions

Conversions Part 1

Format	Color
Hex	F2F1B0
RGB	242, 241, 176
RGB Percent	95%, 95%, 69%
CMY	0.0510, 0.0549, 0.3098
CMYK	0.00, 0.00, 0.27, 0.05
HSL	59°, 72%, 82%
HSV	59°, 27%, 95%
XYZ	75.9097, 84.9224, 53.4651
YIQ	233.8890, 21.4610, -20.0030

Conversions

Conversions Part 2

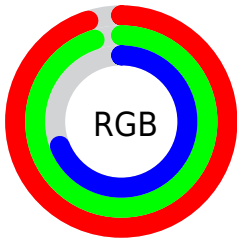
Format	Color
RYB	177, 242, 176
Decimal	15921584
CIELab	93.85, -9.59, 31.61
CIElCh	94, 33.034, 106.879
Yxy	84.9224, 0.3542, 0.3963
Android (android.graphics.Color)	4294111664 (0xFFFF2F1B0)
YUV	233.8890, -28.5393, 7.1133
Hunter-Lab	92.1534, -14.2321, 30.1088

Details

The XYZ color **75.9097, 84.9224, 53.4651** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **49.6535, 47.0841, 90.4757**, and the grayscale version is **78.3224, 82.4012, 89.7349**.

A 20% lighter version of the original color is **91.5655, 98.6062, 90.5508**, and **40.9317, 46.4423, 25.5458** is the 20% darker color. If you saturate the color by 10%, you get **73.6187, 83.8364, 41.9228**, and if you desaturate by 10%, it is **78.6322, 86.1872, 67.2591**.

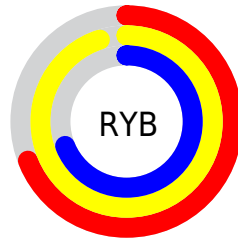
Distribution



Red (95%)

Green (95%)

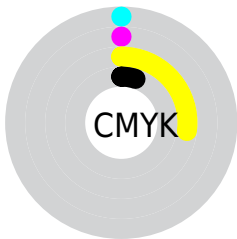
Blue (69%)



Red (69%)

Yellow (95%)

Blue (69%)

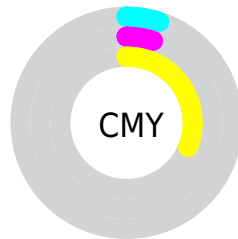


Cyan (0%)

Magenta (0%)

Yellow (27%)

Black (5%)



Cyan (5%)


Magenta (5%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.9097, 84.9224, 53.4651 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 75.9097, 84.9224, 53.4651 by changing the saturation by 10% instead.


 75.9097, 84.9224,
53.4651

 75.9097, 84.9224,
53.4651

469.9877,
511.3713, 417.1838

 56.6553, 63.7773,
37.7839


 126.5803,
140.2648, 96.7369

 40.9676, 46.4703,
25.5145


158.7272,
175.2308, 125.1646

 28.4813, 32.6171,
16.2383

195.9022,
215.5725, 158.6782

 18.8311, 21.8333,
9.5368

238.4708,
261.6744, 197.6962

 11.6516, 13.7344,
4.9913

286.7983,
313.9208, 242.6373

 6.5774, 7.9362,
2.1835

341.2500,

 3.2432, 4.0542,

372.6962, 293.9198

0.6648

402.1914,
438.3849, 351.9625

■ 1.2836, 1.7039,
0.0000

■ 0.1709, 0.4262,
0.0000

■ 75.9097, 84.9224,
53.4651

■ 75.9097, 84.9224,
53.4651

■ 73.6187, 83.8364,
41.9228

■ 78.6322, 86.1872,
67.2591

■ 71.7299, 82.9088,
32.5075


■ 81.8006, 87.6277,
83.4099


■ 70.2208, 82.1334,
25.0904


■ 85.4368, 89.2557,
102.0228

■ 69.0639, 81.4991,
19.5266


■ 86.5586, 89.8783,
107.3939


 68.2279, 80.9937,
15.6520


 86.6674, 90.0961,
107.4302


 67.6763, 80.6022,
13.2736


 86.7765, 90.3143,
107.4665

 67.3612, 80.3058,
12.1398

 86.8859, 90.5329,
107.5030

 67.2960, 80.2333,
11.9397

 86.9954, 90.7520,
107.5395

 87.1051, 90.9715,
107.5761

Harmonies

Analogous

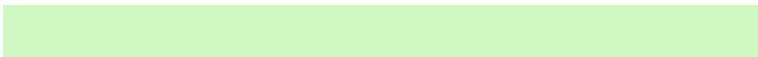
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.6123, 84.9224, 52.8971



75.9097, 84.9224, 53.4651



69.0024, 84.9224, 63.1807

Triad

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



75.9097, 84.9224, 53.4651



69.7105, 84.9224, 132.4679



98.3122, 84.9224, 103.8898

Complementary

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



75.9097, 84.9224, 53.4651



49.6535, 47.0841, 90.4757

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.



93.6858, 84.9224, 129.6370



75.9097, 84.9224, 53.4651



76.9416, 84.9224, 148.0427

Square

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



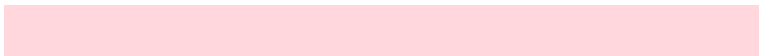
75.9097, 84.9224, 53.4651



65.6054, 84.9224, 107.2376



85.7214, 84.9224, 146.9216



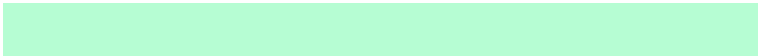
97.9855, 84.9224, 79.1174

Rectangle

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



75.9097, 84.9224, 53.4651



66.1549, 84.9224, 74.7390



85.7214, 84.9224, 146.9216



97.2713, 84.9224, 112.7955

Sweetspot

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



75.9119, 84.9262, 53.4669



91.8397, 98.5592, 92.4780



60.0898, 53.1073, 48.7321



19.5364, 21.0410, 19.1760



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

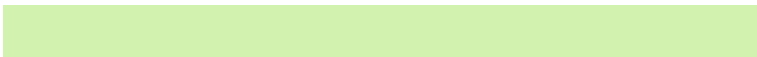
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.9119, 84.9262, 53.4669



83.9333, 94.9085, 52.3486



66.1961, 80.3556, 53.0968



17.1013, 18.4158, 16.8030



36.1617, 43.1214, 6.4173



3.0148, 3.6003, 0.5360

Inverse Universe

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



49.6535, 47.0841, 90.4757



49.5868, 45.4109, 100.7594



57.5375, 50.8580, 90.7887



14.9164, 15.2668, 19.8822



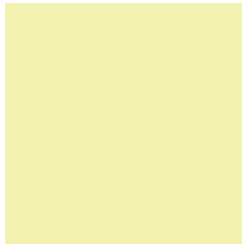
8.6399, 3.5040, 45.3488



0.7254, 0.3048, 3.7748

Previews

White Background



This preview shows how the XYZ color 75.9097, 84.9224, 53.4651 looks on a white background.

Color Contrast Check

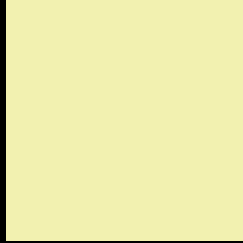
Large Text (above 18pt) WCAG AA × Fail

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 75.9097, 84.9224, 53.4651 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

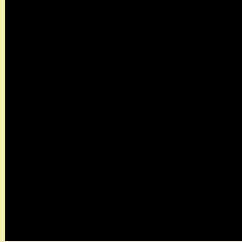
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

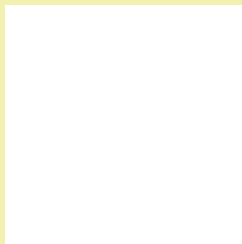
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.9097, 84.9224, 53.4651

Background



This preview shows how black text looks on a background with the XYZ color 75.9097, 84.9224, 53.4651.

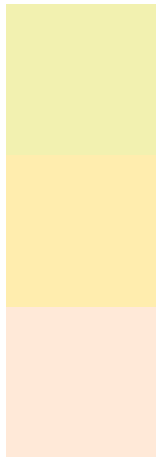


This preview shows how white text looks on a background with the XYZ color 75.9097, 84.9224,

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

75.9097, 84.9224, 53.4651

Protanopia

79.1642, 84.8844, 52.2563

Deuteranopia

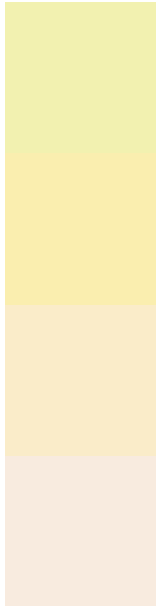
82.7736, 84.4957, 76.9124



Tritanopia

85.6149, 84.5632, 102.2524

Trichromacy



Original Color

75.9097, 84.9224, 53.4651

Protanomaly

77.7367, 84.5682, 52.7836

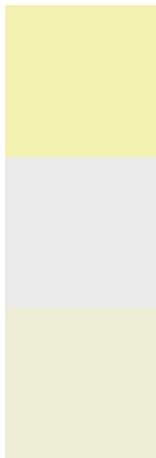
Deuteranomaly

79.9624, 84.5319, 67.3602

Tritanomaly

81.7390, 84.7008, 81.8528

Monochromacy



Original Color

75.9097, 84.9224, 53.4651

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

77.2195, 83.3770, 74.9743

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.9097, 84.9224, 53.4651 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(242, 241, 176)` looks like.

```
.text, #text, p{  
    color:rgb(242, 241, 176)  
}
```

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(242, 241, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 241, 176) }
```

Border

The CSS property to change the border of an element to XYZ 75.9097, 84.9224, 53.4651 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(242, 241, 176) }
```


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

```
.border{ border-color:rgb(242, 241, 176) }
```

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

Here you see how a box with a 4 pixel rgb(242, 241, 176) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 241, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 241, 176);  
box-shadow:4px 4px 4px 4px rgb(242, 241,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 75.9097, 84.9224, 53.4651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 241, 176) }
```

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

```
.background{ background-color: rgb(242,  
241, 176) }
```

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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