

Converting Colors

XYZ(50.1757, 54.1407, 24.3286)

Have a look what the booklet for
XYZ(50.1757, 54.1407, 24.3286)
contains.

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Color

**XYZ(50.1757, 54.1407,
24.3286)**

Conversions

Conversions Part 1

Format	Color
Hex	D6C274
RGB	214, 194, 116
RGB Percent	84%, 76%, 45%
CMY	0.1608, 0.2392, 0.5451
CMYK	0.00, 0.09, 0.46, 0.16
HSL	48°, 54%, 65%
HSV	48°, 46%, 84%
XYZ	50.1757, 54.1407, 24.3286
YIQ	191.0880, 36.9580, -20.0180

Conversions

Conversions Part 2

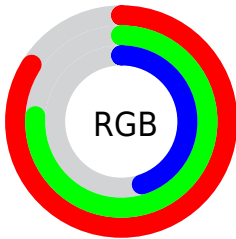
Format	Color
RYB	141, 214, 116
Decimal	14074484
CIELab	78.54, -3.42, 41.64
CIELCh	79, 41.784, 94.690
Yxy	54.1407, 0.3900, 0.4209
Android (android.graphics.Color)	4292264564 (0xFFD6C274)
YUV	191.0880, -37.0184, 20.0938
Hunter-Lab	73.5804, -7.0435, 31.9026

Details

The XYZ color **50.1757, 54.1407, 24.3286** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **28.1439, 26.1753, 67.1871**, and the grayscale version is **49.7665, 52.3582, 57.0181**.

A 20% lighter version of the original color is **82.5870, 92.4958, 51.0368**, and **24.4129, 26.6112, 9.0040** is the 20% darker color. If you saturate the color by 10%, you get **48.1145, 51.7861, 18.1917**, and if you desaturate by 10%, it is **52.5549, 56.6722, 31.9873**.

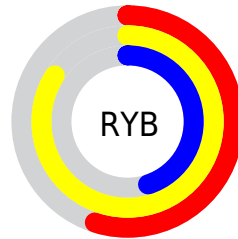
Distribution



Red (84%)

Green (76%)

Blue (45%)



Red (55%)

Yellow (84%)

Blue (45%)

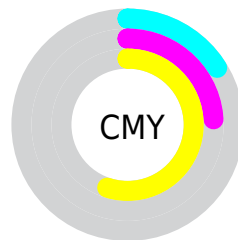


Cyan (0%)

Magenta (9%)

Yellow (46%)

Black (16%)



Cyan (16%)

Magenta (24%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.1757, 54.1407, 24.3286 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 50.1757, 54.1407, 24.3286 by changing the saturation by 10% instead.

■ 50.1757, 54.1407,
24.3286

■ 50.1757, 54.1407,
24.3286

377.7933,
402.6463, 287.8175

■ 35.7714, 38.7142,
15.3631

■ 89.6254, 96.2808,
51.5164

■ 24.4270, 26.5374,
8.9252

■ 115.4015,
123.7632, 70.5759

■ 15.7771, 17.2261,
4.5963

■ 145.6990,
156.0329, 93.8370

■ 9.4564, 10.3958,
1.9578

180.8831,
193.4744, 121.7184

■ 5.0995, 5.6622,
0.5292

221.3192,
236.4721, 154.6386

■ 2.3411, 2.6408,
0.0000

267.3727,

■ 0.8156, 0.9472,

285.4104, 193.0162

0.0000

319.4089,
340.6737, 237.2696

■ 0.0000, 0.0000,
0.0000

■ 50.1757, 54.1407,
24.3286

■ 50.1757, 54.1407,
24.3286

■ 48.1145, 51.7861,
18.1917

■ 52.5549, 56.6722,
31.9873

■ 46.3470, 49.5923,
13.4681

■ 55.2664, 59.3806,
41.2596

■ 44.8519, 47.5523,
10.0401

■ 58.3283, 62.2757,
52.2342

■ 43.6026, 45.6553,
7.7696

■ 61.7563, 65.3640,
64.9919

■ 42.5667, 43.8876,
6.4862

■ 65.5649, 68.6518,
79.6089

■ 42.1697, 43.1726,
6.1106

■ 69.7680, 72.1449,
96.1564

■ 72.5902, 75.1335,
105.2840

■ 73.7827, 77.5185,
105.6816

■ 75.0056, 79.9643,
106.0892

Harmonies

Analogous

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



58.5272, 54.1407, 26.7317



50.1757, 54.1407, 24.3286



42.9658, 54.1407, 28.9797

Triad

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



50.1757, 54.1407, 24.3286



39.5103, 54.1407, 88.6977



67.1360, 54.1407, 80.5321

Complementary

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



50.1757, 54.1407, 24.3286



28.1439, 26.1753, 67.1871

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.



61.0039, 54.1407, 104.6332



50.1757, 54.1407, 24.3286



44.9843, 54.1407, 110.1616

Square

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



50.1757, 54.1407, 24.3286



37.2404, 54.1407, 62.7348



52.7642, 54.1407, 116.6570



68.9022, 54.1407, 55.3206

Rectangle

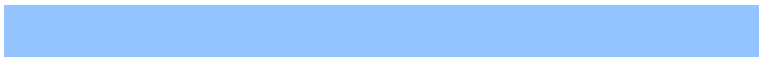
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



50.1757, 54.1407, 24.3286



39.5927, 54.1407, 36.4380



52.7642, 54.1407, 116.6570



65.4871, 54.1407, 89.2265

Sweetspot

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



50.1770, 54.1432, 24.3297



87.5460, 93.3508, 80.6294



38.5093, 28.6002, 27.2461



18.5121, 19.7727, 16.4288



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.



50.1770, 54.1432, 24.3297



71.6215, 77.0947, 27.2502



47.5055, 59.8223, 25.5667



13.2477, 14.0696, 13.1782



25.5650, 26.2473, 3.7188



1.5976, 1.6944, 0.2428

Inverse Universe

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



28.1439, 26.1753, 67.1871



34.9647, 30.6024, 98.6718



29.8443, 23.2547, 66.5337



11.9458, 12.4150, 15.7042



7.9332, 4.1283, 38.8319



0.5385, 0.3690, 2.3622

Previews

White Background



This preview shows how the XYZ color 50.1757, 54.1407, 24.3286 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 50.1757, 54.1407, 24.3286 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 50.1757, 54.1407, 24.3286

Background



This preview shows how black text looks on a background with the XYZ color 50.1757, 54.1407, 24.3286.



This preview shows how white text looks on a background with the XYZ color 50.1757, 54.1407,

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

50.1757, 54.1407, 24.3286

Protanopia

49.8847, 53.9907, 24.3150

Deuteranopia

55.4210, 54.2587, 24.6915



Tritanopia

57.5735, 53.9341, 61.4087

Trichromacy



Original Color

50.1757, 54.1407, 24.3286

Protanomaly

49.8847, 53.9907, 24.3150

Deuteranomaly

53.4034, 54.1735, 24.4715

Tritanomaly

54.3581, 53.8911, 45.0732

Monochromacy



Original Color

50.1757, 54.1407, 24.3286

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

49.1037, 52.5217, 42.6716

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.1757, 54.1407, 24.3286 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(214, 194, 116)` looks like.

```
.text, #text, p{  
    color:rgb(214, 194, 116)  
}
```

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(214, 194, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 194, 116) }
```

Border

The CSS property to change the border of an element to XYZ 50.1757, 54.1407, 24.3286 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(214, 194, 116) }
```


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

```
.border{ border-color:rgb(214, 194, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 194, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 194, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 194, 116);  
box-shadow:4px 4px 4px 4px rgb(214, 194,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 50.1757, 54.1407, 24.3286 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 194, 116) }
```

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

```
.background{ background-color: rgb(214,  
194, 116) }
```

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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