

Converting Colors

XYZ(50.6820, 57.3791, 24.6241)

Have a look what the booklet for
XYZ(50.6820, 57.3791, 24.6241)
contains.

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Color

**XYZ(50.7449, 57.5050,
24.6447)**

Conversions

Conversions Part 1

Format	Color
Hex	D1CB73
RGB	209, 203, 115
RGB Percent	82%, 80%, 45%
CMY	0.1804, 0.2039, 0.5490
CMYK	0.00, 0.03, 0.45, 0.18
HSL	56°, 51%, 64%
HSV	56°, 45%, 82%
XYZ	50.7449, 57.5050, 24.6447
YIQ	194.7620, 31.8240, -26.0960

Conversions

Conversions Part 2

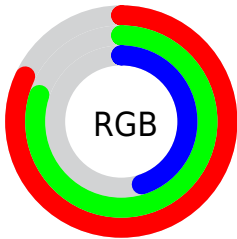
Format	Color
RYB	121, 209, 115
Decimal	13749107
CIELab	80.46, -10.17, 44.43
CIELCh	80, 45.578, 102.888
Yxy	57.5050, 0.3818, 0.4327
Android (android.graphics.Color)	4291939187 (0xFFD1CB73)
YUV	194.7620, -39.3227, 12.4867
Hunter-Lab	75.8321, -13.2584, 33.8137

Details

The XYZ color **50.7449, 57.5050, 24.6447** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **25.4161, 21.9223, 63.2132**, and the grayscale version is **51.9447, 54.6498, 59.5137**.

A 20% lighter version of the original color is **84.0679, 95.6072, 51.0690**, and **24.8097, 28.6374, 9.0704** is the 20% darker color. If you saturate the color by 10%, you get **49.3632, 56.4530, 18.9086**, and if you desaturate by 10%, it is **52.4048, 58.6768, 31.8200**.

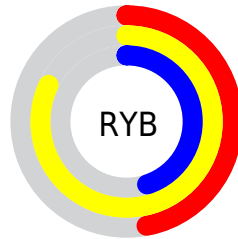
Distribution



Red (82%)

Green (80%)

Blue (45%)



Red (47%)

Yellow (82%)

Blue (45%)

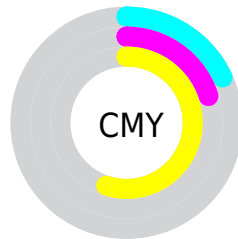


Cyan (0%)

Magenta (3%)

Yellow (45%)

Black (18%)



Cyan (18%)

Magenta (20%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.7449, 57.5050, 24.6447 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 50.7449, 57.5050, 24.6447 by changing the saturation by 10% instead.

■ 50.7449, 57.5050,
24.6447

■ 50.7449, 57.5050,
24.6447

379.9759,
415.3389, 289.4547

■ 36.2258, 41.4108,
15.5959

■ 90.4628, 101.2017,
52.0372

■ 24.7796, 28.6402,
9.0874

■ 116.3924,
129.5730, 71.2180

■ 16.0408, 18.8088,
4.7007

■ 146.8562,
162.8054, 94.6132

■ 9.6440, 11.5322,
2.0171

182.2196,
201.2834, 122.6414

■ 5.2240, 6.4260,
0.5657

222.8478,
245.3914, 155.7211

■ 2.4154, 3.1058,
0.0000

269.1064,

■ 0.8528, 1.1872,

295.5137, 194.2709

0.0000

321.3606,
352.0347, 238.7092

■ 0.0000, 0.0512,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 50.7449, 57.5050,
24.6447

■ 50.7449, 57.5050,
24.6447

■ 49.3632, 56.4530,
18.9086

■ 52.4048, 58.6768,
31.8200

■ 48.2369, 55.5053,
14.5098


■ 54.3555, 59.9672,
40.5199


■ 47.3462, 54.6562,
11.3390


■ 56.6141, 61.3852,
50.8276


■ 46.6668, 53.8959,
9.2677


■ 59.1951, 62.9364,
62.8191


 46.1691, 53.2126,
8.1394


 62.1118, 64.6263,
76.5655

 45.9604, 52.8874,
7.7859

 65.3772, 66.4600,
92.1341

 67.9716, 68.0298,
104.1563

 68.3069, 68.7002,
104.2681

 68.6449, 69.3762,
104.3807

Harmonies

Analogous

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



60.1179, 57.5050, 25.1759



50.7449, 57.5050, 24.6447



43.3140, 57.5050, 31.9631

Triad

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



50.7449, 57.5050, 24.6447



42.5167, 57.5050, 104.5869



73.6979, 57.5050, 79.0138

Complementary

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



50.7449, 57.5050, 24.6447



25.4161, 21.9223, 63.2132

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.



67.8248, 57.5050, 108.4093



50.7449, 57.5050, 24.6447



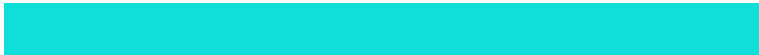
49.5368, 57.5050, 125.8219

Square

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



50.7449, 57.5050, 24.6447



38.9410, 57.5050, 74.8111



58.7647, 57.5050, 127.3921



74.1172, 57.5050, 51.8189

Rectangle

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



50.7449, 57.5050, 24.6447



40.1679, 57.5050, 41.9616



58.7647, 57.5050, 127.3921



72.2678, 57.5050, 89.1246

Sweetspot

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



50.7463, 57.5076, 24.6459



89.4941, 96.7046, 82.9509



35.8931, 27.2044, 21.5350



18.9725, 20.5869, 16.9112



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.



50.7463, 57.5076, 24.6459



77.4911, 88.5964, 29.9389



42.1005, 55.1928, 24.6548



12.7362, 13.6631, 12.5780



28.3657, 32.6644, 4.8098



1.6060, 1.8663, 0.2756

Inverse Universe

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



25.4161, 21.9223, 63.2132



32.8977, 25.9651, 97.8856



31.2986, 23.9069, 63.2862



11.2233, 11.5369, 14.8790



7.2125, 3.0716, 37.4052



0.4250, 0.2152, 2.0987

Previews

White Background



This preview shows how the XYZ color 50.7449, 57.5050, 24.6447 looks on a white background.

Color Contrast Check

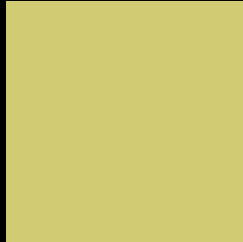
Large Text (above 18pt) WCAG AA × Fail

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 50.7449, 57.5050, 24.6447 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

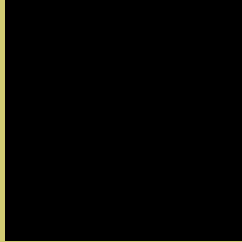
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.7449, 57.5050, 24.6447

Background



This preview shows how black text looks on a background with the XYZ color 50.7449, 57.5050, 24.6447.



This preview shows how white text looks on a background with the XYZ color 50.7449, 57.5050,

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

50.7449, 57.5050, 24.6447

Protanopia

52.9050, 57.5835, 24.2459

Deuteranopia

58.3014, 57.0122, 25.0712



Tritanopia

59.3255, 57.2643, 66.9578

Trichromacy



Original Color

50.7449, 57.5050, 24.6447

Protanomaly

51.9482, 57.4353, 24.2677

Deuteranomaly

55.3591, 57.1376, 24.9405

Tritanomaly

55.4042, 56.9829, 48.1231

Monochromacy



Original Color

50.7449, 57.5050, 24.6447

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

50.8964, 55.4207, 44.0911

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.7449, 57.5050, 24.6447 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(209, 203, 115)` looks like.

```
.text, #text, p{  
    color:rgb(209, 203, 115)  
}
```

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(209, 203, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 203, 115) }
```

Border

The CSS property to change the border of an element to XYZ 50.7449, 57.5050, 24.6447 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(209, 203, 115) }
```


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

```
.border{ border-color:rgb(209, 203, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 203, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 203, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 203, 115);  
box-shadow:4px 4px 4px 4px rgb(209, 203,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 50.7449, 57.5050, 24.6447 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 203, 115) }
```

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

```
.background{ background-color: rgb(209,  
203, 115) }
```

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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