

Converting Colors

XYZ(50.7563, 55.4995, 30.6215)

Have a look what the booklet for
XYZ(50.7563, 55.4995, 30.6215)
contains.

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Color

**XYZ(50.7917, 55.6647,
30.6216)**

Conversions

Conversions Part 1

Format	Color
Hex	D1C686
RGB	209, 198, 134
RGB Percent	82%, 78%, 53%
CMY	0.1804, 0.2235, 0.4745
CMYK	0.00, 0.05, 0.36, 0.18
HSL	51°, 45%, 67%
HSV	51°, 36%, 82%
XYZ	50.7917, 55.6647, 30.6216
YIQ	193.9930, 27.1000, -17.5720

Conversions

Conversions Part 2

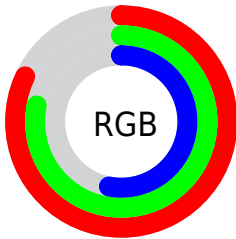
Format	Color
R_YB	147, 209, 134
Decimal	13747846
CIE Lab	79.42, -5.56, 33.49
CIE LCh	79, 33.945, 99.423
Yxy	55.6647, 0.3705, 0.4061
Android (android.graphics.Color)	4291937926 (0xFFD1C686)
YUV	193.9930, -29.5765, 13.1611
Hunter-Lab	74.6088, -9.0472, 27.8918

Details

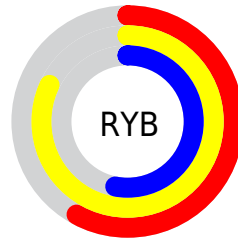
The XYZ color **50.7917, 55.6647, 30.6216** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **31.4654, 29.9218, 64.4389**, and the grayscale version is **51.4335, 54.1121, 58.9280**.

A 20% lighter version of the original color is **86.0771, 96.4108, 61.6494**, and **24.6715, 27.3434, 12.1611** is the 20% darker color. If you saturate the color by 10%, you get **48.7829, 53.7538, 23.4573**, and if you desaturate by 10%, it is **53.1056, 57.7242, 39.3102**.

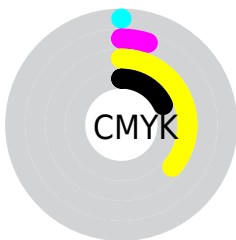
Distribution



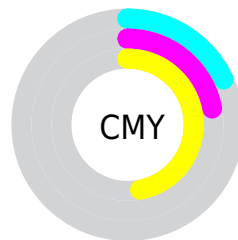
- Red (82%)
- Green (78%)
- Blue (53%)



- Red (58%)
- Yellow (82%)
- Blue (53%)



- Cyan (0%)
- Magenta (5%)
- Yellow (36%)
- Black (18%)



- Cyan (18%)
- Magenta (22%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.7917, 55.6647, 30.6216 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 50.7917, 55.6647, 30.6216 by changing the saturation by 10% instead.

■ 50.7917, 55.6647,
30.6216

■ 50.7917, 55.6647,
30.6216

380.1550,
408.4267, 319.0883

■ 36.2632, 39.9342,
20.0548

■ 90.5316, 98.5142,
61.7164

■ 24.8086, 27.4872,
12.2504

■ 116.4738,
126.4019, 83.0815

■ 16.0625, 17.9395,
6.7899

■ 146.9512,
159.1108, 108.8832

■ 9.6595, 10.9065,
3.2546

182.3293,
197.0252, 139.5399

■ 5.2343, 6.0040,
1.2261

222.9733,
240.5296, 175.4702

■ 2.4216, 2.8475,
0.0000

269.2487,

■ 0.8559, 1.0527,

290.0084, 217.0927

0.0000

321.5208,
345.8460, 264.8259

■ 0.0000, 0.0000,
0.0000

■ 50.7917, 55.6647,
30.6216

■ 50.7917, 55.6647,
30.6216

■ 48.7829, 53.7538,
23.4573

■ 53.1056, 57.7242,
39.3102

■ 47.0579, 51.9770,
17.7239

■ 55.7360, 59.9313,
49.6020

■ 45.5991, 50.3291,
13.3233

■ 58.6992, 62.2942,
61.5747

■ 44.3852, 48.8014,
10.1435

■ 62.0086, 64.8188,
75.3001

■ 43.3913, 47.3839,
8.0542

■ 65.6773, 67.5103,
90.8455

■ 42.5866, 46.0640,
6.8937

■ 69.0003, 70.0868,
104.4991

■ 42.2868, 45.5397,
6.5613

■ 69.7945, 71.6752,
104.7639

■ 70.6035, 73.2931,
105.0335

■ 71.4272, 74.9406,
105.3081

Harmonies

Analogous

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



57.6464, 55.6647, 31.8344



50.7917, 55.6647, 30.6216



45.0172, 55.6647, 36.0028

Triad

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



50.7917, 55.6647, 30.6216



43.4200, 55.6647, 87.6918



66.1434, 55.6647, 74.7740

Complementary

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



50.7917, 55.6647, 30.6216



31.4654, 29.9218, 64.4389

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.



61.6700, 55.6647, 94.4538



50.7917, 55.6647, 30.6216



48.4359, 55.6647, 102.9533

Square

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



50.7917, 55.6647, 30.6216



41.0085, 55.6647, 66.9617



55.0815, 55.6647, 105.6633



66.9110, 55.6647, 54.6721

Rectangle

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



50.7917, 55.6647, 30.6216



42.4120, 55.6647, 43.4583



55.0815, 55.6647, 105.6633



65.0060, 55.6647, 81.7664

Sweetspot

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



50.7931, 55.6672, 30.6228



89.5604, 95.7276, 86.3938



39.9502, 32.6582, 31.0880



19.0347, 20.3815, 17.9481



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.



50.7931, 55.6672, 30.6228



77.2224, 85.0043, 39.2672



46.5730, 57.3591, 31.1717



12.6496, 13.4899, 12.5491



26.1292, 28.1914, 4.0643



1.5022, 1.6587, 0.2410

Inverse Universe

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



31.4654, 29.9218, 64.4389



42.6081, 38.9101, 99.8725



34.5815, 29.1537, 64.1264



11.3016, 11.6934, 14.9050



7.4366, 3.5197, 37.4799



0.4617, 0.2885, 2.1109

Previews

White Background



This preview shows how the XYZ color 50.7917, 55.6647, 30.6216 looks on a white background.

Color Contrast Check

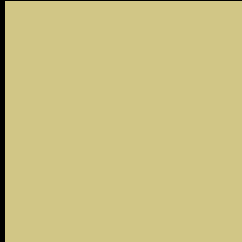
Large Text (above 18pt) WCAG AA × Fail

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 50.7917, 55.6647, 30.6216 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

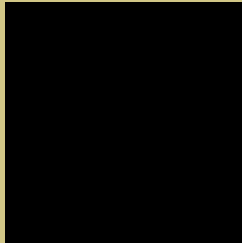
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

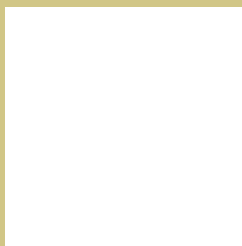
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.7917, 55.6647, 30.6216

Background



This preview shows how black text looks on a background with the XYZ color 50.7917, 55.6647, 30.6216.



This preview shows how white text looks on a background with the XYZ color 50.7917, 55.6647,

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

50.7917, 55.6647, 30.6216

Protanopia

51.6405, 55.7721, 30.2336

Deuteranopia

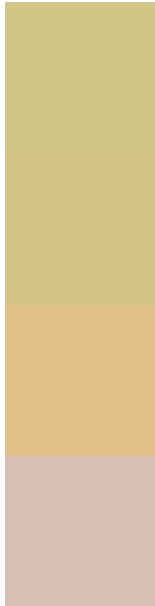
56.6881, 55.4062, 30.9992



Tritanopia

57.7120, 55.5065, 64.7988

Trichromacy



Original Color

50.7917, 55.6647, 30.6216

Protanomaly

51.3513, 55.6230, 30.2201

Deuteranomaly

54.5868, 55.6173, 30.7798

Tritanomaly

54.7179, 55.2501, 50.4282

Monochromacy



Original Color

50.7917, 55.6647, 30.6216

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

50.5147, 54.1509, 46.8195

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.7917, 55.6647, 30.6216 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, 198, 134)` looks like.

```
.text, #text, p{  
    color:rgb(209, 198, 134)  
}
```

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, 198, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 198, 134) }
```

Border

The CSS property to change the border of an element to XYZ 50.7917, 55.6647, 30.6216 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, 198, 134) }
```


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

```
.border{ border-color:rgb(209, 198, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 198, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 198, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 198, 134);  
box-shadow:4px 4px 4px 4px rgb(209, 198,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 50.7917, 55.6647, 30.6216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 198, 134) }
```

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

```
.background{ background-color: rgb(209,  
198, 134) }
```

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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