

Converting Colors

XYZ(57.2390, 64.0669, 55.0583)

Have a look what the booklet for
XYZ(57.2390, 64.0669, 55.0583)
contains.

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Color

**XYZ(57.4321, 64.2924,
55.2816)**

Conversions

Conversions Part 1

Format	Color
Hex	CBD6B9
RGB	203, 214, 185
RGB Percent	80%, 84%, 73%
CMY	0.2039, 0.1608, 0.2745
CMYK	0.05, 0.00, 0.14, 0.16
HSL	83°, 26%, 78%
HSV	83°, 14%, 84%
XYZ	57.4321, 64.2924, 55.2816
YIQ	207.4050, 2.7530, -11.3510

Conversions

Conversions Part 2

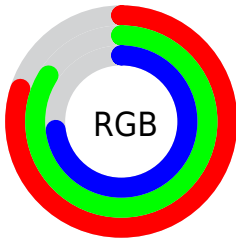
Format	Color
R _{YB}	185, 214, 196
Decimal	13358777
CIE Lab	84.12, -8.83, 13.06
CIE LCh	84, 15.770, 124.062
Yxy	64.2924, 0.3245, 0.3632
Android (android.graphics.Color)	4291548857 (0xFFCBD6B9)
YUV	207.4050, -11.0457, -3.8632
Hunter-Lab	80.1825, -12.4658, 15.2505

Details

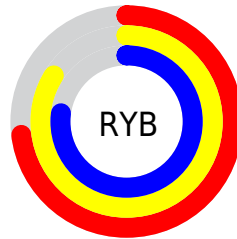
The XYZ color **57.4321, 64.2924, 55.2816** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **52.2540, 51.2905, 70.7677**, and the grayscale version is **59.6386, 62.7445, 68.3287**.

A 20% lighter version of the original color is **92.8772, 99.1309, 97.4581**, and **28.9574, 32.8518, 26.6446** is the 20% darker color. If you saturate the color by 10%, you get **53.1877, 62.3480, 44.1645**, and if you desaturate by 10%, it is **62.1359, 66.4382, 68.1980**.

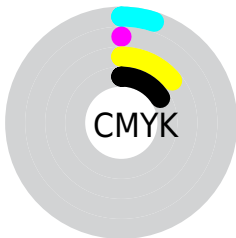
Distribution



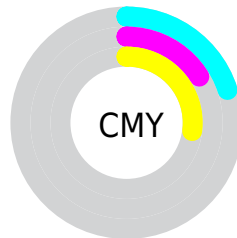
- Red (80%)
- Green (84%)
- Blue (73%)



- Red (73%)
- Yellow (84%)
- Blue (77%)



- Cyan (5%)
- Magenta (0%)
- Yellow (14%)
- Black (16%)



- Cyan (20%)
- Magenta (16%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.4321, 64.2924, 55.2816 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 57.4321, 64.2924, 55.2816 by changing the saturation by 10% instead.

■ 57.4321, 64.2924,
55.2816

■ 57.4321, 64.2924,
55.2816

405.0545,
440.2448, 424.2905

■ 41.5938, 46.8875,
39.2271

■ 100.2231,
111.0319, 99.4287

■ 28.9730, 32.9468,
26.6273

127.9065,
141.1354, 128.3584

■ 19.2046, 22.0857,
17.0635

160.2690,
176.2405, 162.4169

■ 11.9231, 13.9199,
10.1174

197.6758,
216.7317, 202.0227

■ 6.7632, 8.0649,
5.3702

240.4925,
262.9933, 247.5945

■ 3.3594, 4.1365,
2.4036

289.0842,

■ 1.3466, 1.7502,

315.4098, 299.5507

0.7884

343.8165,
374.3655, 358.3098

■ 0.2177, 0.4559,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.4321, 64.2924,
55.2816

■ 57.4321, 64.2924,
55.2816

■ 53.1877, 62.3480,
44.1645

■ 62.1359, 66.4382,
68.1980

■ 49.3807, 60.5895,
34.7625

■ 67.3097, 68.7835,
82.9842

■ 45.9946, 59.0124,
26.9913

■ 72.9705, 71.3374,
99.7123

■ 43.0099, 57.6086,
20.7575

■ 76.5172, 73.0595,
104.6768

■ 40.4053, 56.3694,
15.9584

■ 79.2670, 74.4771,
104.8054

■ 38.1569, 55.2850,
12.4786

■ 82.1408, 75.9586,
104.9399

■ 36.2374, 54.3443,
10.1852

■ 83.3379, 76.5757,
104.9960

■ 34.6143, 53.5339,
8.9170

■ 33.6907, 53.0668,
8.4672

Harmonies

Analogous

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



60.6347, 64.2924, 52.5565



57.4321, 64.2924, 55.2816



55.2794, 64.2924, 61.9423

Triad

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



57.4321, 64.2924, 55.2816



58.2243, 64.2924, 88.7133



68.0370, 64.2924, 68.6533

Complementary

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



57.4321, 64.2924, 55.2816



52.2540, 51.2905, 70.7677

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.



67.3326, 64.2924, 78.7354



57.4321, 64.2924, 55.2816



61.5837, 64.2924, 90.9385

Square

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



57.4321, 64.2924, 55.2816



55.7244, 64.2924, 81.3087



64.9375, 64.2924, 87.1313



66.8276, 64.2924, 59.7980

Rectangle

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



57.4321, 64.2924, 55.2816



54.6839, 64.2924, 68.0373



64.9375, 64.2924, 87.1313



68.0164, 64.2924, 72.0072

Sweetspot

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



57.4338, 64.2952, 55.2830



92.0414, 98.6337, 100.4133



56.1481, 57.1157, 53.9650



19.5823, 21.0579, 21.1619



0.0000, 0.0000, 0.0000



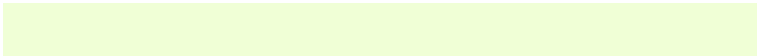
20.3446, 21.4041, 23.3091

Same Dimension

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



57.4338, 64.2952, 55.2830



83.6956, 94.8266, 77.6445



53.7587, 62.4006, 55.1110



12.9952, 14.2737, 13.2309



20.4818, 32.1351, 5.1232



1.3261, 1.9850, 0.3133

Inverse Universe

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



52.2540, 51.2905, 70.7677



74.6777, 72.1845, 104.6048



56.1052, 53.2758, 70.9479



12.1835, 12.2360, 15.6572



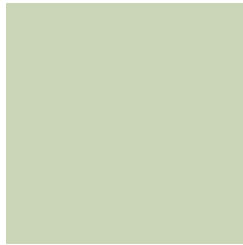
9.5046, 4.0523, 38.7344



0.6639, 0.2911, 2.3405

Previews

White Background



This preview shows how the XYZ color 57.4321, 64.2924, 55.2816 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 57.4321, 64.2924, 55.2816 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

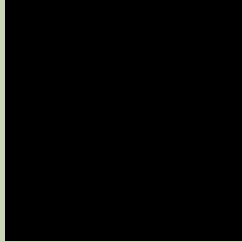
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

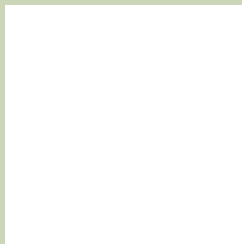
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.4321, 64.2924, 55.2816

Background



This preview shows how black text looks on a background with the XYZ color 57.4321, 64.2924, 55.2816.



This preview shows how white text looks on a background with the XYZ color 57.4321, 64.2924,

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

57.4321, 64.2924, 55.2816

Protanopia

60.7592, 64.1940, 53.4443

Deuteranopia

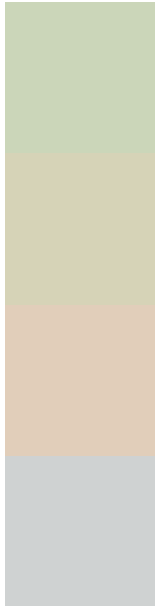
65.3501, 64.0061, 55.9238



Tritanopia

62.4410, 64.1033, 80.3163

Trichromacy



Original Color

57.4321, 64.2924, 55.2816

Protanomaly

59.5731, 64.3036, 54.0717

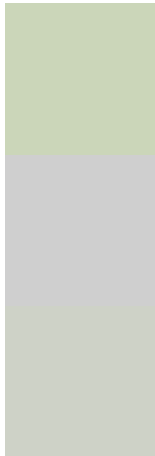
Deuteranomaly

61.9856, 63.6953, 55.4818

Tritanomaly

60.4116, 64.0117, 70.1442

Monochromacy



Original Color

57.4321, 64.2924, 55.2816

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

58.8090, 63.3385, 63.1588

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.4321, 64.2924, 55.2816 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(203, 214, 185)` looks like.

```
.text, #text, p{  
    color:rgb(203, 214, 185)  
}
```

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(203, 214, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 214, 185) }
```

Border

The CSS property to change the border of an element to XYZ 57.4321, 64.2924, 55.2816 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(203, 214, 185) }
```


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

```
.border{ border-color:rgb(203, 214, 185) }
```

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

Here you see how a box with a 4 pixel rgb(203, 214, 185) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 214, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 214, 185);  
box-shadow:4px 4px 4px 4px rgb(203, 214,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 57.4321, 64.2924, 55.2816 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 214, 185) }
```

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

```
.background{ background-color: rgb(203,  
214, 185) }
```

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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