

Converting Colors

XYZ(56.3075, 65.0029, 40.5349)

Have a look what the booklet for
XYZ(56.3075, 65.0029, 40.5349)
contains.

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Color

**XYZ(56.4614, 65.2577,
40.6305)**

Conversions

Conversions Part 1

Format	Color
Hex	CFD99B
RGB	207, 217, 155
RGB Percent	81%, 85%, 61%
CMY	0.1882, 0.1490, 0.3921
CMYK	0.05, 0.00, 0.29, 0.15
HSL	70°, 45%, 73%
HSV	70°, 29%, 85%
XYZ	56.4614, 65.2577, 40.6305
YIQ	206.9420, 13.9420, -21.4020

Conversions

Conversions Part 2

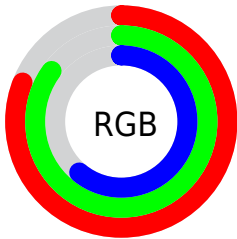
Format	Color
RYB	155, 217, 165
Decimal	13621659
CIELab	84.62, -13.38, 29.49
CIELCh	85, 32.380, 114.400
Yxy	65.2577, 0.3478, 0.4020
Android (android.graphics.Color)	4291811739 (0xFFCFD99B)
YUV	206.9420, -25.6074, 0.0509
Hunter-Lab	80.7822, -16.6093, 26.7269

Details

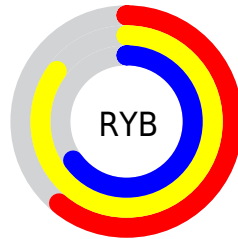
The XYZ color **56.4614, 65.2577, 40.6305** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **39.7653, 36.4535, 70.5897**, and the grayscale version is **59.4257, 62.5205, 68.0848**.

A 20% lighter version of the original color is **88.6329, 97.4331, 75.1078**, and **28.3174, 33.4953, 17.8047** is the 20% darker color. If you saturate the color by 10%, you get **53.8334, 64.0970, 31.8343**, and if you desaturate by 10%, it is **59.4420, 66.5664, 51.1554**.

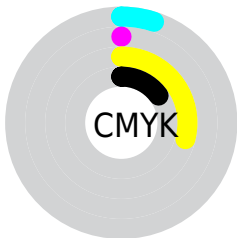
Distribution



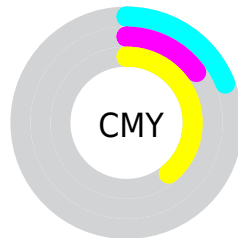
- Red (81%)
- Green (85%)
- Blue (61%)



- Red (61%)
- Yellow (85%)
- Blue (65%)



- Cyan (5%)
- Magenta (0%)
- Yellow (29%)
- Black (15%)



- Cyan (19%)
- Magenta (15%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.4614, 65.2577, 40.6305 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 56.4614, 65.2577, 40.6305 by changing the saturation by 10% instead.

■ 56.4614, 65.2577,
40.6305

■ 56.4614, 65.2577,
40.6305

401.4749,
443.7175, 364.4047

■ 40.8114, 47.6701,
27.7130

■ 98.8148, 112.4203,
77.3702

■ 28.3588, 33.5657,
17.8722

■ 126.2489,
142.7640, 102.0295

■ 18.7381, 22.5601,
10.6898

158.3418,
178.1286, 131.4397

■ 11.5841, 14.2691,
5.7471

195.4587,
218.8983, 166.0195

■ 6.5313, 8.3080,
2.6256

237.9652,
265.4577, 206.1874

■ 3.2145, 4.2927,
0.9056

286.2265,

■ 1.2682, 1.8386,

318.1911, 252.3618

0.0000

340.6079,
377.4829, 304.9614

■ 0.1592, 0.5111,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.4614, 65.2577,
40.6305

■ 56.4614, 65.2577,
40.6305

■ 53.8334, 64.0970,
31.8343

■ 59.4420, 66.5664,
51.1554

■ 51.5353, 63.0685,
24.6702

■ 62.7865, 68.0211,
63.4904

■ 49.5495, 62.1673,
19.0386

■ 66.5120, 69.6306,
77.7167

■ 47.8545, 61.3850,
14.8272

■ 70.6328, 71.4008,
93.9093

■ 46.4259, 60.7116,
11.9083

■ 73.7626, 72.7772,
104.7674

■ 45.2349, 60.1357,
10.1316

■ 74.8625, 73.3442,
104.8189

■ 44.2383, 59.6400,
9.2690

■ 75.9848, 73.9228,
104.8714

■ 44.1030, 59.5722,
9.1741

■ 77.1297, 74.5130,
104.9250

■ 78.2975, 75.1150,
104.9797

Harmonies

Analogous

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



63.3910, 65.2577, 38.3568



56.4614, 65.2577, 40.6305



51.4010, 65.2577, 50.3186

Triad

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



56.4614, 65.2577, 40.6305



54.2846, 65.2577, 108.5649



76.9049, 65.2577, 75.0081

Complementary

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



56.4614, 65.2577, 40.6305



39.7653, 36.4535, 70.5897

Split Complementary

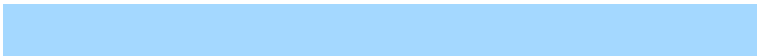
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.0215, 65.2577, 96.8237



56.4614, 65.2577, 40.6305



60.6797, 65.2577, 118.4642

Square

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



56.4614, 65.2577, 40.6305



50.2143, 65.2577, 88.7914



67.9436, 65.2577, 113.7970



75.5572, 65.2577, 55.8525

Rectangle

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



56.4614, 65.2577, 40.6305



49.5836, 65.2577, 60.8831



67.9436, 65.2577, 113.7970



76.3919, 65.2577, 82.3001

Sweetspot

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



56.4631, 65.2606, 40.6319



90.2232, 97.9134, 90.5251



47.8631, 43.7785, 36.9387



19.1536, 20.8890, 18.7858



0.0000, 0.0000, 0.0000



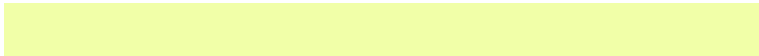
20.3446, 21.4041, 23.3091

Same Dimension

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



56.4631, 65.2606, 40.6319



79.1349, 93.0609, 50.9842



48.7948, 61.3074, 40.2730



13.9452, 15.1520, 13.9152



26.7715, 36.0987, 5.5567



1.7907, 2.3677, 0.3626

Inverse Universe

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



39.7653, 36.4535, 70.5897



51.4681, 45.3166, 100.6421



46.8312, 40.0961, 70.9204



12.5334, 12.7176, 16.4463



8.0600, 3.2792, 39.9466



0.5839, 0.2443, 2.5908

Previews

White Background



This preview shows how the XYZ color 56.4614, 65.2577, 40.6305 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 56.4614, 65.2577, 40.6305 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

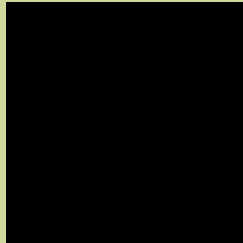
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

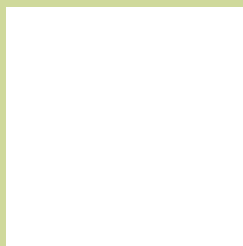
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.4614, 65.2577, 40.6305

Background



This preview shows how black text looks on a background with the XYZ color 56.4614, 65.2577, 40.6305.



This preview shows how white text looks on a background with the XYZ color 56.4614, 65.2577,

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

56.4614, 65.2577, 40.6305

Protanopia

60.6403, 65.1864, 39.0919

Deuteranopia

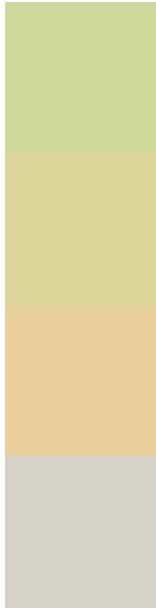
66.3590, 64.8494, 41.3674



Tritanopia

64.3293, 65.0925, 79.6946

Trichromacy



Original Color

56.4614, 65.2577, 40.6305

Protanomaly

59.0592, 65.1041, 39.5906

Deuteranomaly

62.3303, 64.5524, 41.0730

Tritanomaly

61.0436, 64.8582, 63.3344

Monochromacy



Original Color

56.4614, 65.2577, 40.6305

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

58.1035, 63.4848, 56.7684

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.4614, 65.2577, 40.6305 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(207, 217, 155)` looks like.

```
.text, #text, p{  
    color:rgb(207, 217, 155)  
}
```

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(207, 217, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 217, 155) }
```

Border

The CSS property to change the border of an element to XYZ 56.4614, 65.2577, 40.6305 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(207, 217, 155) }
```


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

```
.border{ border-color:rgb(207, 217, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 217, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 217, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 217, 155);  
box-shadow:4px 4px 4px 4px rgb(207, 217,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 56.4614, 65.2577, 40.6305 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 217, 155) }
```

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

```
.background{ background-color: rgb(207,  
217, 155) }
```

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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