

Converting Colors

XYZ(58.6415, 63.4676, 53.4157)

Have a look what the booklet for
XYZ(58.6415, 63.4676, 53.4157)
contains.

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Color

**XYZ(58.6415, 63.4676,
53.4157)**

Conversions

Conversions Part 1

Format	Color
Hex	D4D2B6
RGB	212, 210, 182
RGB Percent	83%, 82%, 71%
CMY	0.1686, 0.1765, 0.2863
CMYK	0.00, 0.01, 0.14, 0.17
HSL	56°, 26%, 77%
HSV	56°, 14%, 83%
XYZ	58.6415, 63.4676, 53.4157
YIQ	207.4060, 10.1800, -8.2840

Conversions

Conversions Part 2

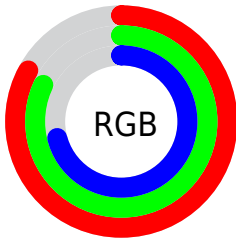
Format	Color
RYB	184, 212, 182
Decimal	13947574
CIELab	83.69, -4.03, 14.14
CIELCh	84, 14.703, 105.919
Yxy	63.4676, 0.3341, 0.3616
Android (android.graphics.Color)	4292137654 (0xFFD4D2B6)
YUV	207.4060, -12.5252, 4.0289
Hunter-Lab	79.6666, -8.0250, 16.0132

Details

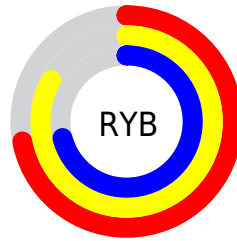
The XYZ color **58.6415, 63.4676, 53.4157** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **48.3156, 48.9788, 69.1954**, and the grayscale version is **59.6451, 62.7513, 68.3362**.

A 20% lighter version of the original color is **92.4326, 98.9530, 95.1170**, and **29.7555, 32.5300, 25.4795** is the 20% darker color. If you saturate the color by 10%, you get **56.2683, 61.9657, 42.6215**, and if you desaturate by 10%, it is **61.3529, 65.1139, 65.9607**.

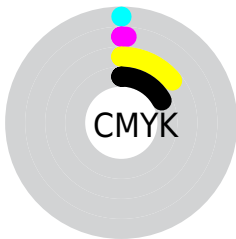
Distribution



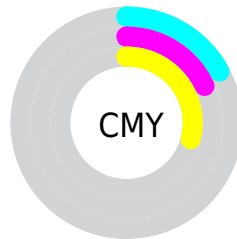
- Red (83%)
- Green (82%)
- Blue (71%)



- Red (72%)
- Yellow (83%)
- Blue (71%)



- Cyan (0%)
- Magenta (1%)
- Yellow (14%)
- Black (17%)



- Cyan (17%)
- Magenta (18%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.6415, 63.4676, 53.4157 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 58.6415, 63.4676, 53.4157 by changing the saturation by 10% instead.

■ 58.6415, 63.4676,
53.4157

■ 58.6415, 63.4676,
53.4157

409.4875,
437.2645, 416.9894

■ 42.5699, 46.2196,
37.7447

■ 101.9741,
109.8438, 96.6635

■ 29.7408, 32.4191,
25.4843

129.9657,
139.7409, 125.0775

■ 19.7890, 21.6818,
16.2160

162.6613,
174.6230, 158.5761

■ 12.3492, 13.6233,
9.5211

200.4264,
214.8747, 197.5781

■ 7.0558, 7.8591,
4.9812

243.6261,
260.8803, 242.5018

■ 3.5437, 4.0050,
2.1777

292.6260,

■ 1.4474, 1.6763,

313.0242, 293.7659

0.6614

347.7914,
371.6908, 351.7890

■ 0.2896, 0.4083,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.6415, 63.4676,
53.4157

■ 58.6415, 63.4676,
53.4157

■ 56.2683, 61.9657,
42.6215

■ 61.3529, 65.1139,
65.9607

■ 54.2134, 60.5939,
33.4956

■ 64.4113, 66.9019,
80.3256

■ 52.4625, 59.3486,
25.9552

■ 67.8316, 68.8395,
96.5811

■ 50.9981, 58.2227,
19.9087

■ 69.6672, 70.1482,
104.4758

■ 49.8010, 57.2087,
15.2553

■ 70.0293, 70.8725,
104.5966

■ 48.8498, 56.2978,
11.8814

■ 70.3946, 71.6030,
104.7183

■ 48.1196, 55.4802,
9.6559

■ 70.7629, 72.3397,
104.8411

■ 47.5799, 54.7436,
8.4197

■ 71.1344, 73.0827,
104.9649

■ 47.3221, 54.3381,
7.9942

■ 71.5090, 73.8319,
105.0898

Harmonies

Analogous

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



61.8431, 63.4676, 53.2918



58.6415, 63.4676, 53.4157



55.9842, 63.4676, 57.4878

Triad

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



58.6415, 63.4676, 53.4157



56.1180, 63.4676, 82.6439



66.5318, 63.4676, 73.5104

Complementary

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



58.6415, 63.4676, 53.4157



48.3156, 48.9788, 69.1954

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.



64.8826, 63.4676, 82.1914



58.6415, 63.4676, 53.4157



58.8300, 63.4676, 87.7736

Square

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



58.6415, 63.4676, 53.4157



54.5630, 63.4676, 74.0847



62.0385, 63.4676, 87.6010



66.4770, 63.4676, 64.3545

Rectangle

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



58.6415, 63.4676, 53.4157



54.8454, 63.4676, 62.1190



62.0385, 63.4676, 87.6010



66.1559, 63.4676, 76.5969

Sweetspot

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



58.6432, 63.4704, 53.4171



93.2348, 98.9282, 100.4072



52.5319, 50.9145, 52.4071



19.8851, 21.1324, 21.1603



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.



58.6432, 63.4704, 53.4171



87.9264, 95.6895, 75.8918



55.5409, 62.6072, 53.4140



13.3988, 14.3718, 13.2286



29.2434, 33.6039, 4.9449



1.7856, 2.0704, 0.3055

Inverse Universe

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



48.3156, 48.9788, 69.1954



69.2825, 69.5290, 104.3766



51.1181, 49.8124, 69.2086



11.8083, 12.1400, 15.6584



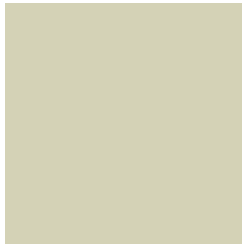
7.4603, 3.1824, 38.6742



0.4738, 0.2396, 2.3406

Previews

White Background



This preview shows how the XYZ color 58.6415, 63.4676, 53.4157 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 58.6415, 63.4676, 53.4157 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

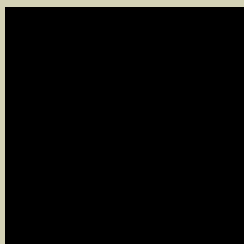
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

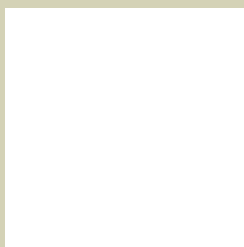
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.6415, 63.4676, 53.4157

Background



This preview shows how black text looks on a background with the XYZ color 58.6415, 63.4676, 53.4157.



This preview shows how white text looks on a background with the XYZ color 58.6415, 63.4676,

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

58.6415, 63.4676, 53.4157

Protanopia

60.1098, 63.5080, 52.8062

Deuteranopia

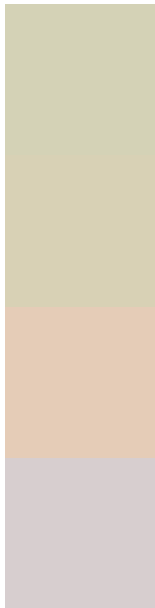
64.7983, 63.4111, 54.1717



Tritanopia

63.2593, 63.1579, 77.2632

Trichromacy



Original Color

58.6415, 63.4676, 53.4157

Protanomaly

59.4599, 63.5361, 52.8459

Deuteranomaly

62.4532, 63.2626, 53.7190

Tritanomaly

61.3581, 63.0947, 67.9761

Monochromacy



Original Color

58.6415, 63.4676, 53.4157

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

59.0434, 62.7443, 62.4250

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.6415, 63.4676, 53.4157 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(212, 210, 182) looks like.

```
.text, #text, p{  
    color:rgb(212, 210, 182)  
}
```

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(212, 210, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 210, 182) }
```

Border

The CSS property to change the border of an element to XYZ 58.6415, 63.4676, 53.4157 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(212, 210, 182) }
```


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

```
.border{ border-color:rgb(212, 210, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 210, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 210, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 210, 182);  
box-shadow:4px 4px 4px 4px rgb(212, 210,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 58.6415, 63.4676, 53.4157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 210, 182) }
```

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

```
.background{ background-color: rgb(212,  
210, 182) }
```

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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