

Converting Colors

XYZ(56.4346, 60.1599, 53.4373)

Have a look what the booklet for
XYZ(56.4346, 60.1599, 53.4373)
contains.

XYZ(56.4346, 60.1599, 53.4374)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(56.4346, 60.1599,
53.4374)**

Conversions

Conversions Part 1

Format	Color
Hex	D1CCB7
RGB	209, 204, 183
RGB Percent	82%, 80%, 72%
CMY	0.1804, 0.2000, 0.2823
CMYK	0.00, 0.02, 0.12, 0.18
HSL	48°, 22%, 77%
HSV	48°, 12%, 82%
XYZ	56.4346, 60.1599, 53.4374
YIQ	203.1010, 9.7210, -5.4710

Conversions

Conversions Part 2

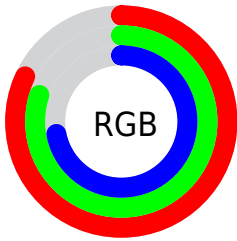
Format	Color
RYB	189, 209, 183
Decimal	13749431
CIELab	81.93, -1.84, 11.08
CIElCh	82, 11.230, 99.443
Yxy	60.1599, 0.3319, 0.3538
Android (android.graphics.Color)	4291939511 (0xFFD1CCB7)
YUV	203.1010, -9.9098, 5.1734
Hunter-Lab	77.5628, -5.8586, 13.4457

Details

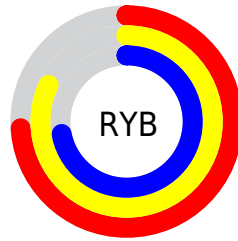
The XYZ color **56.4346, 60.1599, 53.4374** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.0202, 50.6363, 67.5123**, and the grayscale version is **56.8855, 59.8480, 65.1745**.

A 20% lighter version of the original color is **92.5800, 99.0120, 95.8931**, and **28.2620, 30.2944, 25.4769** is the 20% darker color. If you saturate the color by 10%, you get **53.4771, 57.4712, 42.5043**, and if you desaturate by 10%, it is **59.7431, 63.0324, 66.0827**.

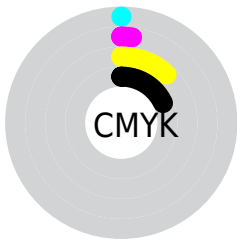
Distribution



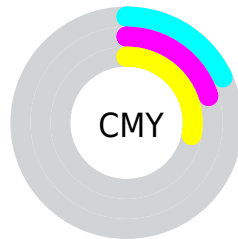
- Red (82%)
- Green (80%)
- Blue (72%)



- Red (74%)
- Yellow (82%)
- Blue (72%)



- Cyan (0%)
- Magenta (2%)
- Yellow (12%)
- Black (18%)



- Cyan (18%)
- Magenta (20%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.4346, 60.1599, 53.4374 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 56.4346, 60.1599, 53.4374 by changing the saturation by 10% instead.

■ 56.4346, 60.1599,
53.4374

■ 56.4346, 60.1599,
53.4374

401.3758,
425.1869, 417.0748

■ 40.7898, 43.5475,
37.7619

■ 98.7759, 105.0616,
96.6957

■ 28.3419, 30.3150,
25.4976

126.2031,
134.1197, 125.1157

■ 18.7253, 20.0778,
16.2258

158.2885,
168.0952, 158.6209

■ 11.5748, 12.4516,
9.5280

195.3974,
207.3724, 197.6300

■ 6.5250, 7.0520,
4.9856

237.8953,
252.3358, 242.5613

■ 3.2105, 3.4946,
2.1802

286.1474,

■ 1.2660, 1.3951,

303.3698, 293.8336

0.6629

340.5191,
360.8587, 351.8652

■ 0.1576, 0.2131,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.4346, 60.1599,
53.4374

■ 56.4346, 60.1599,
53.4374

■ 53.4771, 57.4712,
42.5043

■ 59.7431, 63.0324,
66.0827

■ 50.8513, 54.9523,
33.2047

■ 63.4111, 66.0864,
80.5063

■ 48.5435, 52.5993,
25.4595

■ 67.4530, 69.3299,
96.7760

■ 46.5368, 50.4053,
19.1817

■ 69.9561, 71.9981,
104.8177

■ 44.8129, 48.3626,
14.2753

■ 71.0232, 74.1324,
105.1734

■ 43.3513, 46.4627,
10.6333

■ 72.1159, 76.3178,
105.5376

■ 42.1284, 44.6959,
8.1325

■ 73.2343, 78.5545,
105.9104

■ 41.1159, 43.0506,
6.6250

■ 74.3785, 80.8429,
106.2918

■ 40.4531, 41.8722,
5.9500

■ 75.5487, 83.1833,
106.6819

Harmonies

Analogous

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



58.7978, 60.1599, 54.0114



56.4346, 60.1599, 53.4374



54.3293, 60.1599, 55.9193

Triad

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



56.4346, 60.1599, 53.4374



53.7275, 60.1599, 74.1641



61.5610, 60.1599, 70.2016

Complementary

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



56.4346, 60.1599, 53.4374



49.0202, 50.6363, 67.5123

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.



60.1291, 60.1599, 76.1255



56.4346, 60.1599, 53.4374



55.5925, 60.1599, 78.5209

Square

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



56.4346, 60.1599, 53.4374



52.7951, 60.1599, 67.6720



57.9323, 60.1599, 79.2625



61.8016, 60.1599, 63.3826

Rectangle

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



56.4346, 60.1599, 53.4374



53.3393, 60.1599, 59.0808



57.9323, 60.1599, 79.2625



61.2012, 60.1599, 72.3764

Sweetspot

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



56.4362, 60.1625, 53.4387



92.8288, 98.1162, 100.2719



52.3274, 51.0626, 54.7891



19.7820, 20.9262, 21.1259



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.



56.4362, 60.1625, 53.4387



87.1918, 93.1767, 78.8647



55.4896, 61.4657, 53.7401



12.6023, 13.3954, 12.5334



25.0110, 25.9551, 3.6916



1.4492, 1.5528, 0.2233

Inverse Universe

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



49.0202, 50.6363, 67.5123



73.2735, 75.2984, 105.2799



49.8785, 49.5218, 67.2519



11.3449, 11.7801, 14.9195



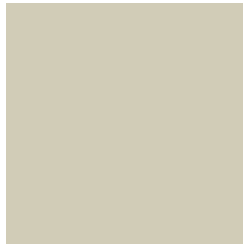
7.6216, 3.8897, 37.5416



0.4819, 0.3289, 2.1177

Previews

White Background



This preview shows how the XYZ color 56.4346, 60.1599, 53.4374 looks on a white background.

Color Contrast Check

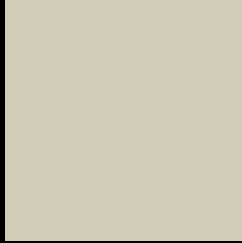
Large Text (above 18pt) WCAG AA × Fail

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 56.4346, 60.1599, 53.4374 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

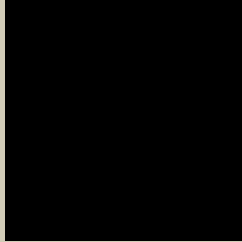
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

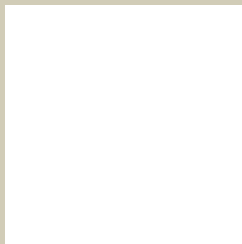
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.4346, 60.1599, 53.4374

Background



This preview shows how black text looks on a background with the XYZ color 56.4346, 60.1599, 53.4374.



This preview shows how white text looks on a background with the XYZ color 56.4346, 60.1599,

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

56.4346, 60.1599, 53.4374

Protanopia

56.9508, 60.0863, 52.8522

Deuteranopia

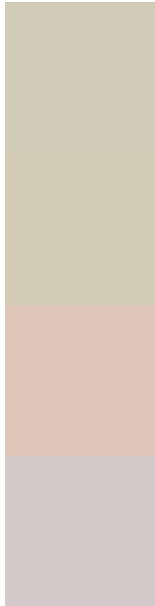
61.1300, 59.8056, 54.2207



Tritanopia

60.1297, 59.8993, 72.6825

Trichromacy



Original Color

56.4346, 60.1599, 53.4374

Protanomaly

56.6634, 59.9382, 52.8387

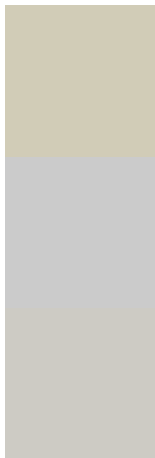
Deuteranomaly

59.1994, 59.8371, 53.7770

Tritanomaly

58.8175, 60.0821, 64.9969

Monochromacy



Original Color

56.4346, 60.1599, 53.4374

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

56.4966, 59.6765, 60.7656

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.4346, 60.1599, 53.4374 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, 204, 183) looks like.

```
.text, #text, p{  
    color:rgb(209, 204, 183)  
}
```

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, 204, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 204, 183) }
```

Border

The CSS property to change the border of an element to XYZ 56.4346, 60.1599, 53.4374 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, 204, 183) }
```


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

```
.border{ border-color:rgb(209, 204, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 204, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 204, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 204, 183);  
box-shadow:4px 4px 4px 4px rgb(209, 204,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 56.4346, 60.1599, 53.4374 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 204, 183) }
```

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

```
.background{ background-color: rgb(209,  
204, 183) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor