

Converting Colors

XYZ(58.3355, 61.1155, 53.6296)

Have a look what the booklet for
XYZ(58.3355, 61.1155, 53.6296)
contains.

XYZ(58.4590, 61.2036, 53.5321)	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(58.4590, 61.2036,
53.5321)**

Conversions

Conversions Part 1

Format	Color
Hex	D8CCB7
RGB	216, 204, 183
RGB Percent	85%, 80%, 72%
CMY	0.1529, 0.2000, 0.2823
CMYK	0.00, 0.06, 0.15, 0.15
HSL	38°, 30%, 78%
HSV	38°, 15%, 85%
XYZ	58.4590, 61.2036, 53.5321
YIQ	205.1940, 13.8930, -3.9870

Conversions

Conversions Part 2

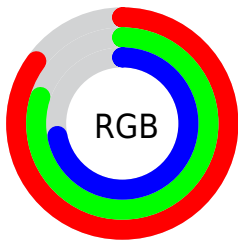
Format	Color
RYB	202, 216, 183
Decimal	14208183
CIELab	82.49, 0.70, 11.96
CIELCh	82, 11.976, 86.666
Yxy	61.2036, 0.3375, 0.3534
Android (android.graphics.Color)	4292398263 (0xFFD8CCB7)
YUV	205.1940, -10.9416, 9.4769
Hunter-Lab	78.2327, -3.5241, 14.1927

Details

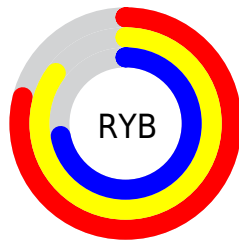
The XYZ color **58.4590, 61.2036, 53.5321** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.4379, 54.0541, 72.6886**, and the grayscale version is **58.2145, 61.2461, 66.6970**.

A 20% lighter version of the original color is **92.5800, 99.0120, 95.8931**, and **29.6336, 31.0015, 25.5411** is the 20% darker color. If you saturate the color by 10%, you get **54.5622, 56.7357, 41.9795**, and if you desaturate by 10%, it is **62.7983, 66.0031, 66.9359**.

Distribution



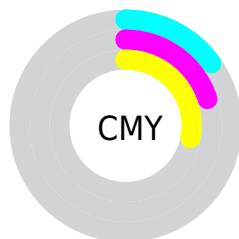
- Red (85%)
- Green (80%)
- Blue (72%)



- Red (79%)
- Yellow (85%)
- Blue (72%)



- Cyan (0%)
- Magenta (6%)
- Yellow (15%)
- Black (15%)





- Cyan (15%)
- Magenta (20%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.4590, 61.2036, 53.5321 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 58.4590, 61.2036, 53.5321 by changing the saturation by 10% instead.


 58.4590, 61.2036,
53.5321

 58.4590, 61.2036,
53.5321

408.8204,
429.0201, 417.4473

 42.4225, 44.3895,
37.8371


 101.7101,
106.5737, 96.8364

 29.6248, 30.9768,
25.5554


129.6554,
135.8984, 125.2827

 19.7006, 20.5812,
16.2686


162.3009,
170.1622, 158.8165

 12.2846, 12.8182,
9.5580

200.0121,
209.7494, 197.8564

 7.0114, 7.3035,
5.0051

243.1543,
255.0444, 242.8209

 3.5156, 3.6526,
2.1915

292.0929,

 1.4319, 1.4812,

306.4316, 294.1285

0.6694

347.1931,
364.2954, 352.1978

■ 0.2788, 0.2754,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.4590, 61.2036,
53.5321

■ 58.4590, 61.2036,
53.5321

■ 54.5622, 56.7357,
41.9795

■ 62.7983, 66.0031,
66.9359

■ 51.0859, 52.5823,
32.1911

■ 67.5911, 71.1347,
82.2646

■ 48.0135, 48.7366,
24.0789

■ 72.8542, 76.6092,
99.5930

■ 45.3250, 45.1883,
17.5454

■ 76.1955, 81.4718,
106.3174

■ 42.9987, 41.9263,
12.4831

■ 78.4986, 86.0780,
107.0851

■ 41.0103, 38.9385,
8.7712

■ 80.9022, 90.8853,
107.8864

■ 39.3315, 36.2111,
6.2688

■ 82.1291, 93.3390,
108.2953

■ 37.9283, 33.7280,
4.8040

■ 37.3338, 32.6284,
4.3302

Harmonies

Analogous

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



60.9198, 61.2036, 55.5407



58.4590, 61.2036, 53.5321



55.9906, 61.2036, 54.8175

Triad

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



58.4590, 61.2036, 53.5321



53.8825, 61.2036, 73.1705



62.3832, 61.2036, 74.6927

Complementary

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



58.4590, 61.2036, 53.5321



51.4379, 54.0541, 72.6886

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.



60.4098, 61.2036, 80.0514



58.4590, 61.2036, 53.5321



55.5085, 61.2036, 79.1282

Square

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



58.4590, 61.2036, 53.5321



53.3944, 61.2036, 65.8236



57.8863, 61.2036, 81.7307



63.2268, 61.2036, 67.4638

Rectangle

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



58.4590, 61.2036, 53.5321



54.6642, 61.2036, 57.4250



57.8863, 61.2036, 81.7307



61.8272, 61.2036, 76.7923

Sweetspot

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



58.4607, 61.2063, 53.5334



91.6039, 96.2844, 97.9581



55.1147, 52.4114, 58.9013



19.5062, 20.4992, 20.6503



0.0000, 0.0000, 0.0000



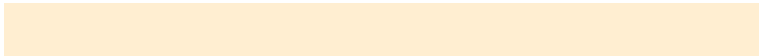
20.3446, 21.4041, 23.3091

Same Dimension

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



58.4607, 61.2063, 53.5334



83.4275, 87.2013, 72.8210



60.1398, 66.4688, 54.4607



13.0756, 13.7254, 13.1208



22.2035, 19.5243, 2.5983



1.4167, 1.3325, 0.1825

Inverse Universe

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



51.4379, 54.0541, 72.6886



71.5106, 75.0656, 105.3278



49.9204, 49.4410, 71.8781



12.1085, 12.7404, 15.7585



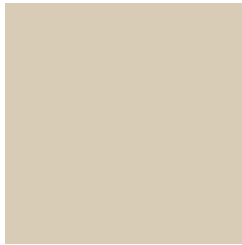
9.0647, 6.3911, 39.2090



0.6242, 0.5404, 2.3907

Previews

White Background



This preview shows how the XYZ color 58.4590, 61.2036, 53.5321 looks on a white background.

Color Contrast Check

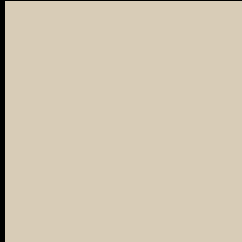
Large Text (above 18pt) WCAG AA × Fail

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 58.4590, 61.2036, 53.5321 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

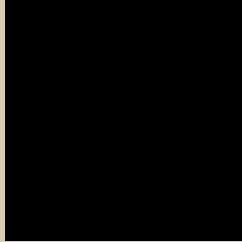
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

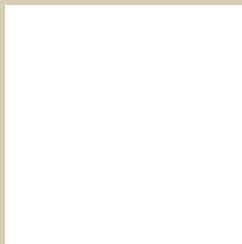
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.4590, 61.2036, 53.5321

Background



This preview shows how black text looks on a background with the XYZ color 58.4590, 61.2036, 53.5321.

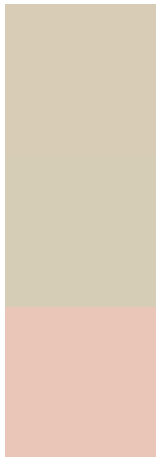


This preview shows how white text looks on a background with the XYZ color 58.4590, 61.2036,

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

58.4590, 61.2036, 53.5321

Protanopia

58.1101, 61.3777, 53.5841

Deuteranopia

62.4501, 61.1725, 53.8634



Tritanopia

62.2044, 60.9688, 72.7796

Trichromacy



Original Color

58.4590, 61.2036, 53.5321

Protanomaly

58.4029, 61.5286, 53.5978

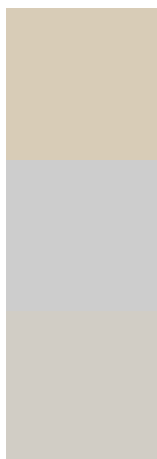
Deuteranomaly

60.9846, 61.1001, 53.9267

Tritanomaly

60.8796, 61.1452, 65.0934

Monochromacy



Original Color

58.4590, 61.2036, 53.5321

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

58.2039, 61.2492, 61.5779

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.4590, 61.2036, 53.5321 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(216, 204, 183) looks like.

```
.text, #text, p{  
    color:rgb(216, 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(216, 204, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 204, 183) }
```

Border

The CSS property to change the border of an element to XYZ 58.4590, 61.2036, 53.5321 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(216, 204, 183) }
```


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

```
.border{ border-color:rgb(216, 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(216, 204, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 204, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 204, 183);  
box-shadow:4px 4px 4px 4px rgb(216, 204,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 58.4590, 61.2036, 53.5321 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 204, 183) }
```

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

```
.background{ background-color: rgb(216,  
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