

Converting Colors

XYZ(56.7172, 59.7236, 52.0199)

Have a look what the booklet for
XYZ(56.7172, 59.7236, 52.0199)
contains.

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Color

**XYZ(56.6124, 59.5743,
52.2313)**

Conversions

Conversions Part 1

Format	Color
Hex	D4CAB5
RGB	212, 202, 181
RGB Percent	83%, 79%, 71%
CMY	0.1686, 0.2078, 0.2902
CMYK	0.00, 0.05, 0.15, 0.17
HSL	41°, 26%, 77%
HSV	41°, 15%, 83%
XYZ	56.6124, 59.5743, 52.2313
YIQ	202.5960, 12.7010, -4.4110

Conversions

Conversions Part 2

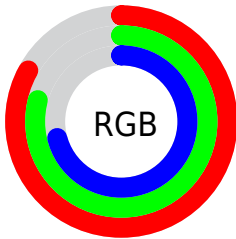
Format	Color
R _{YB}	196, 212, 181
Decimal	13945525
CIE Lab	81.61, -0.03, 11.72
CIE LCh	82, 11.724, 90.135
Yxy	59.5743, 0.3361, 0.3537
Android (android.graphics.Color)	4292135605 (0xFFD4CAB5)
YUV	202.5960, -10.6468, 8.2473
Hunter-Lab	77.1844, -4.1484, 13.9071

Details

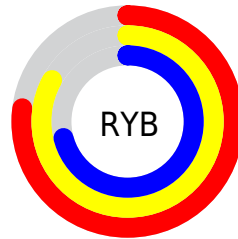
The XYZ color **56.6124, 59.5743, 52.2313** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.5704, 51.8378, 69.6809**, and the grayscale version is **56.5718, 59.5180, 64.8151**.

A 20% lighter version of the original color is **92.2861, 98.8944, 94.3453**, and **28.3908, 29.9064, 24.6982** is the 20% darker color. If you saturate the color by 10%, you get **53.0325, 55.6344, 41.1102**, and if you desaturate by 10%, it is **60.5977, 63.7940, 65.1221**.

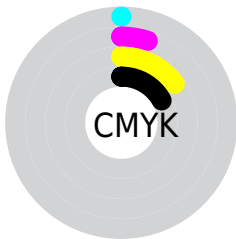
Distribution



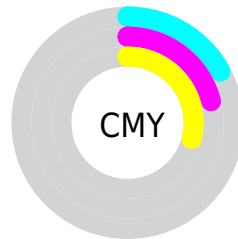
- Red (83%)
- Green (79%)
- Blue (71%)



- Red (77%)
- Yellow (83%)
- Blue (71%)



- Cyan (0%)
- Magenta (5%)
- Yellow (15%)
- Black (17%)




- Cyan (17%)
- Magenta (21%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.6124, 59.5743, 52.2313 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 56.6124, 59.5743, 52.2313 by changing the saturation by 10% instead.


 56.6124, 59.5743,
52.2313

 56.6124, 59.5743,
52.2313


402.0330,
423.0269, 412.3112

 40.9331, 43.0756,
36.8060


 99.0340, 104.2119,
94.9023

 28.4542, 29.9444,
24.7627


126.5070,
133.1196, 122.9851

 18.8105, 19.7964,
15.6829


158.6420,
166.9324, 156.1241

 11.6366, 12.2471,
9.1481

195.8042,
206.0347, 194.7378

 6.5672, 6.9122,
4.7398

238.3590,
250.8109, 239.2449

 3.2368, 3.4073,
2.0394

286.6719,

 1.2802, 1.3479,

301.6454, 290.0638

0.5793

341.1081,
358.9226, 347.6130

■ 0.1683, 0.1778,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.6124, 59.5743,
52.2313

■ 56.6124, 59.5743,
52.2313

■ 53.0325, 55.6344,
41.1102

■ 60.5977, 63.7940,
65.1221

■ 49.8373, 51.9587,
31.6760

■ 64.9983, 68.2929,
79.8525

■ 47.0114, 48.5415,
23.8453

■ 69.8300, 73.0808,
96.4935

■ 44.5364, 45.3738,
17.5257

■ 73.3175, 77.4489,
105.6926

■ 42.3921, 42.4462,
12.6155

■ 75.2502, 81.3144,
106.3369

■ 40.5559, 39.7479,
9.0002

■ 77.2583, 85.3306,
107.0062

■ 39.0016, 37.2669,
6.5473

■ 79.3426, 89.4991,
107.7010

■ 37.6976, 34.9888,
5.0956

■ 80.9616, 92.7372,
108.2407

■ 37.0707, 33.8354,
4.5771

Harmonies

Analogous

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



59.0137, 59.5743, 53.8051



56.6124, 59.5743, 52.2313



54.2800, 59.5743, 53.8334

Triad

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



56.6124, 59.5743, 52.2313



52.6274, 59.5743, 71.9137



60.8289, 59.5743, 71.8543

Complementary

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



56.6124, 59.5743, 52.2313



49.5704, 51.8378, 69.6809

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.



59.0336, 59.5743, 77.3122



56.6124, 59.5743, 52.2313



54.2989, 59.5743, 77.3482

Square

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



56.6124, 59.5743, 52.2313



52.0204, 59.5743, 64.8983



56.6348, 59.5743, 79.3904



61.4907, 59.5743, 64.8343

Rectangle

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



56.6124, 59.5743, 52.2313



53.0672, 59.5743, 56.5585



56.6348, 59.5743, 79.3904



60.3354, 59.5743, 73.9503

Sweetspot

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



56.6140, 59.5769, 52.2326



92.4106, 97.2798, 100.1325



53.1167, 50.8219, 56.4936



19.6759, 20.7141, 21.0906



0.0000, 0.0000, 0.0000



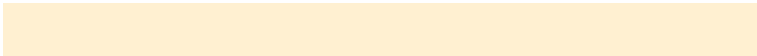
20.3446, 21.4041, 23.3091

Same Dimension

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



56.6140, 59.5769, 52.2326



83.9799, 88.3063, 73.0051



57.5702, 63.6651, 52.9713



13.1196, 13.8134, 13.1355



22.9797, 21.0767, 2.8570



1.4595, 1.4183, 0.1968

Inverse Universe

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



49.5704, 51.8378, 69.6809



71.0017, 74.0476, 105.1582



48.6986, 48.2621, 69.0367



12.0663, 12.6560, 15.7444



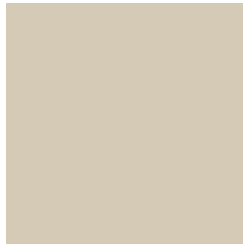
8.7068, 5.6755, 39.0897



0.5992, 0.4905, 2.3824

Previews

White Background



This preview shows how the XYZ color 56.6124, 59.5743, 52.2313 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 56.6124, 59.5743, 52.2313 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

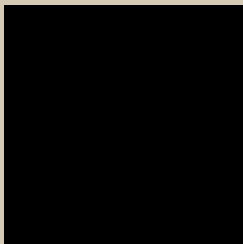
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

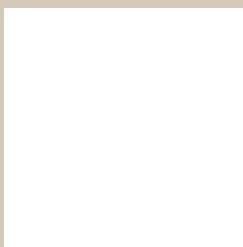
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.6124, 59.5743, 52.2313

Background



This preview shows how black text looks on a background with the XYZ color 56.6124, 59.5743, 52.2313.

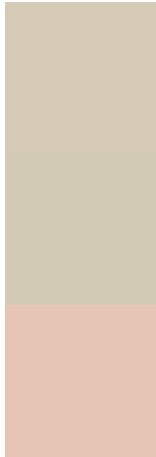


This preview shows how white text looks on a background with the XYZ color 56.6124, 59.5743,

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

56.6124, 59.5743, 52.2313

Protanopia

56.3250, 59.4261, 52.2178

Deuteranopia

60.8166, 59.6802, 52.5700



Tritanopia

60.2954, 59.3355, 71.2258

Trichromacy



Original Color

56.6124, 59.5743, 52.2313

Protanomaly

56.3250, 59.4261, 52.2178

Deuteranomaly

59.0690, 59.4535, 52.6184

Tritanomaly

58.9904, 59.5110, 63.6360

Monochromacy



Original Color

56.6124, 59.5743, 52.2313

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

56.6599, 59.7738, 60.1810

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.6124, 59.5743, 52.2313 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, 202, 181)` looks like.

```
.text, #text, p{  
    color:rgb(212, 202, 181)  
}
```

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, 202, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 202, 181) }
```

Border

The CSS property to change the border of an element to XYZ 56.6124, 59.5743, 52.2313 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, 202, 181) }
```


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

```
.border{ border-color:rgb(212, 202, 181) }
```

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

Here you see how a box with a 4 pixel rgb(212, 202, 181) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 202, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 202, 181);  
box-shadow:4px 4px 4px 4px rgb(212, 202,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 56.6124, 59.5743, 52.2313 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 202, 181) }
```

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

```
.background{ background-color: rgb(212,  
202, 181) }
```

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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