

Converting Colors

XYZ(56.7672, 59.4401, 61.9072)

Have a look what the booklet for
XYZ(56.7672, 59.4401, 61.9072)
contains.

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Color

**XYZ(56.7672, 59.4401,
61.9072)**

Conversions

Conversions Part 1

Format	Color
Hex	CECAC6
RGB	206, 202, 198
RGB Percent	81%, 79%, 78%
CMY	0.1922, 0.2078, 0.2235
CMYK	0.00, 0.02, 0.04, 0.19
HSL	30°, 8%, 79%
HSV	30°, 4%, 81%
XYZ	56.7672, 59.4401, 61.9072
YIQ	202.7400, 3.6680, -0.3960

Conversions

Conversions Part 2

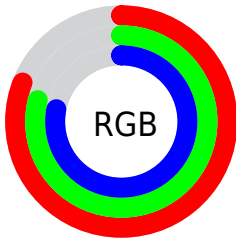
Format	Color
R _Y B	206, 206, 198
Decimal	13552326
CIE Lab	81.53, 0.67, 2.47
CIE LCh	82, 2.562, 74.805
Yxy	59.4401, 0.3187, 0.3337
Android (android.graphics.Color)	4291742406 (0xFFCECAC6)
YUV	202.7400, -2.3368, 2.8590
Hunter-Lab	77.0974, -3.4900, 6.3599

Details

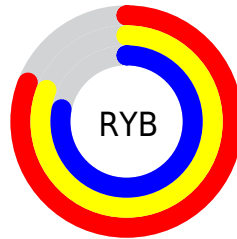
The XYZ color **56.7672, 59.4401, 61.9072** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.5498, 58.7023, 66.7962**, and the grayscale version is **56.6157, 59.5641, 64.8653**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **28.5728, 29.8688, 30.6449** is the 20% darker color. If you saturate the color by 10%, you get **52.2168, 53.8862, 49.4540**, and if you desaturate by 10%, it is **61.8052, 65.4505, 76.1189**.

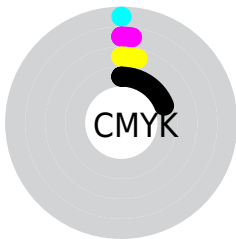
Distribution



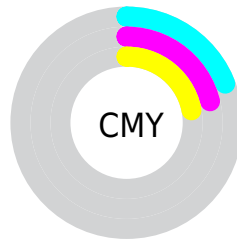
- Red (81%)
- Green (79%)
- Blue (78%)



- Red (81%)
- Yellow (81%)
- Blue (78%)



- Cyan (0%)
- Magenta (2%)
- Yellow (4%)
- Black (19%)



- Cyan (19%)
- Magenta (21%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.7672, 59.4401, 61.9072 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 56.7672, 59.4401, 61.9072 by changing the saturation by 10% instead.

■ 56.7672, 59.4401,
61.9072

■ 56.7672, 59.4401,
61.9072

402.6047,
422.5309, 449.5908

■ 41.0578, 42.9675,
44.5224

99.2587, 104.0170,
109.1617

■ 28.5521, 29.8596,
30.7412

126.7716,
132.8902, 139.8685

■ 18.8848, 19.7321,
20.1451

158.9496,
166.6656, 175.8530

■ 11.6906, 12.2004,
12.3154

196.1581,
205.7277, 217.5338

■ 6.6041, 6.8803,
6.8337

238.7625,
250.4609, 265.3295

■ 3.2599, 3.3874,
3.2815

287.1282,

■ 1.2926, 1.3372,

301.2495, 319.6585

1.2401

341.6205,
358.4781, 380.9394

■ 0.1777, 0.1697,
0.0119

■ 0.0000, 0.0000,
0.0000

■ 56.7672, 59.4401,
61.9072

■ 56.7672, 59.4401,
61.9072

■ 52.2168, 53.8862,
49.4540

■ 61.8052, 65.4505,
76.1189

■ 48.1329, 48.7697,
38.6860

■ 67.3411, 71.9206,
92.1505

■ 44.5002, 44.0813,
29.5307

■ 72.6082, 78.5504,
105.9426

■ 41.3004, 39.8082,
21.9085

■ 75.6049, 84.5438,
106.9415

■ 38.5141, 35.9372,
15.7333

■ 78.7743, 90.8826,
107.9980

■ 36.1197, 32.4542,
10.9101

■ 79.2640, 91.8620,
108.1612

■ 34.0937, 29.3436,
7.3325

■ 32.4092, 26.5887,
4.8776

■ 31.0342, 24.1703,
3.3970

Harmonies

Analogous

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



57.2321, 59.4401, 62.6579



56.7672, 59.4401, 61.9072



56.2325, 59.4401, 61.9021

Triad

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



56.7672, 59.4401, 61.9072



55.5033, 59.4401, 65.4790



57.2270, 59.4401, 66.8418

Complementary

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



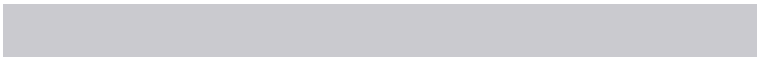
56.7672, 59.4401, 61.9072



55.5498, 58.7023, 66.7962

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.



56.7604, 59.4401, 67.6225



56.7672, 59.4401, 61.9072



55.7663, 59.4401, 66.8272

Square

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



56.7672, 59.4401, 61.9072



55.5051, 59.4401, 63.9479



56.2257, 59.4401, 67.6171



57.4987, 59.4401, 65.4986

Rectangle

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



56.7672, 59.4401, 61.9072



55.9085, 59.4401, 62.3215



56.2257, 59.4401, 67.6171



57.0876, 59.4401, 67.1796

Sweetspot

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



56.7689, 59.4427, 61.9085



94.2371, 99.0268, 106.6170



56.3092, 57.7752, 64.0619



20.1792, 21.2061, 22.8445



0.0000, 0.0000, 0.0000



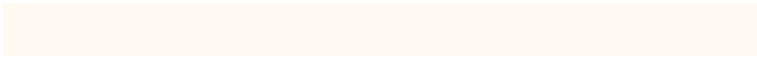
20.3446, 21.4041, 23.3091

Same Dimension

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



56.7689, 59.4427, 61.9085



91.0663, 95.2092, 97.7789



57.7188, 61.3425, 62.2251



12.0417, 12.5799, 12.8309



18.7629, 14.2588, 1.7633



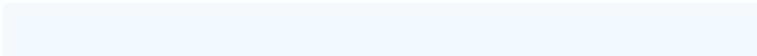
1.0439, 0.8874, 0.1163

Inverse Universe

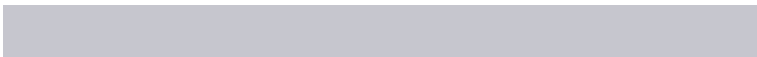
The Inverse Universe completely reimagines the original color for something new.



55.5498, 58.7023, 66.7962



88.5119, 93.6577, 108.0204



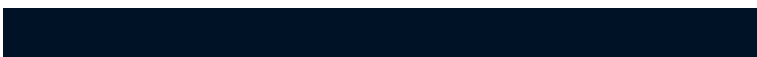
54.6242, 56.8511, 66.4877



11.6654, 12.3514, 14.3396



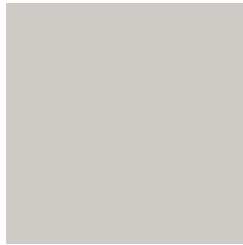
9.9380, 8.9000, 37.1504



0.5886, 0.6110, 1.9418

Previews

White Background



This preview shows how the XYZ color 56.7672, 59.4401, 61.9072 looks on a white background.

Color Contrast Check

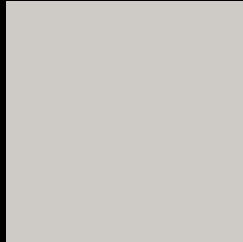
Large Text (above 18pt) WCAG AA × Fail

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 56.7672, 59.4401, 61.9072 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

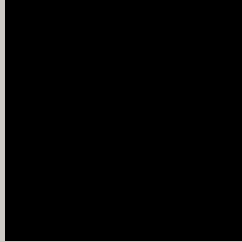
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

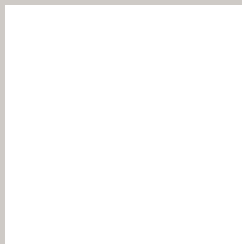
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.7672, 59.4401, 61.9072

Background



This preview shows how black text looks on a background with the XYZ color 56.7672, 59.4401, 61.9072.

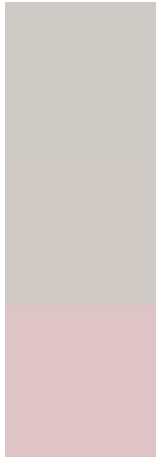


This preview shows how white text looks on a background with the XYZ color 56.7672, 59.4401,

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

56.7672, 59.4401, 61.9072

Protanopia

57.0457, 59.5837, 61.9202

Deuteranopia

60.4802, 59.2914, 62.2896



Tritanopia

58.9837, 59.3085, 72.6289

Trichromacy



Original Color

56.7672, 59.4401, 61.9072

Protanomaly

57.0457, 59.5837, 61.9202

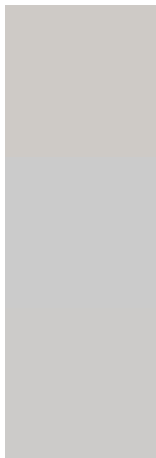
Deuteranomaly

59.1182, 59.2634, 62.3559

Tritanomaly

58.1753, 59.3219, 68.7057

Monochromacy



Original Color

56.7672, 59.4401, 61.9072

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

56.8004, 59.7663, 63.8007

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.7672, 59.4401, 61.9072 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(206, 202, 198) looks like.

```
.text, #text, p{  
    color:rgb(206, 202, 198)  
}
```

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(206, 202, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 202, 198) }
```

Border

The CSS property to change the border of an element to XYZ 56.7672, 59.4401, 61.9072 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(206, 202, 198) }
```


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

```
.border{ border-color:rgb(206, 202, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 202, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 202, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 202, 198);  
box-shadow:4px 4px 4px 4px rgb(206, 202,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 56.7672, 59.4401, 61.9072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 202, 198) }
```

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

```
.background{ background-color: rgb(206,  
202, 198) }
```

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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