

Converting Colors

XYZ(56.3363, 59.2026, 62.3524)

Have a look what the booklet for
XYZ(56.3363, 59.2026, 62.3524)
contains.

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Color

**XYZ(56.3312, 59.2019,
62.4910)**

Conversions

Conversions Part 1

Format	Color
Hex	CCCAC7
RGB	204, 202, 199
RGB Percent	80%, 79%, 78%
CMY	0.2000, 0.2078, 0.2196
CMYK	0.00, 0.01, 0.02, 0.20
HSL	36°, 5%, 79%
HSV	36°, 2%, 80%
XYZ	56.3312, 59.2019, 62.4910
YIQ	202.2560, 2.1550, -0.5090

Conversions

Conversions Part 2

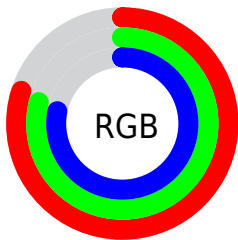
Format	Color
R _{YB}	202, 204, 199
Decimal	13421255
CIE Lab	81.40, 0.15, 1.73
CIE LCh	81, 1.735, 84.939
Yxy	59.2019, 0.3164, 0.3325
Android (android.graphics.Color)	4291611335 (0xFFCCCAC7)
YUV	202.2560, -1.6052, 1.5295
Hunter-Lab	76.9428, -3.9668, 5.7061

Details

The XYZ color **56.3312, 59.2019, 62.4910** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.3391, 58.2745, 65.4591**, and the grayscale version is **56.3090, 59.2414, 64.5139**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **28.2784, 29.7082, 31.0319** is the 20% darker color. If you saturate the color by 10%, you get **52.2589, 54.5965, 50.2206**, and if you desaturate by 10%, it is **60.8254, 64.1413, 76.4701**.

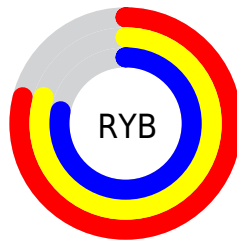
Distribution



Red (80%)

Green (79%)

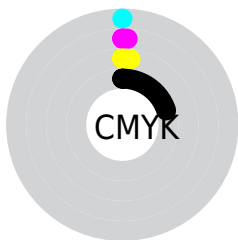
Blue (78%)



Red (79%)

Yellow (80%)

Blue (78%)

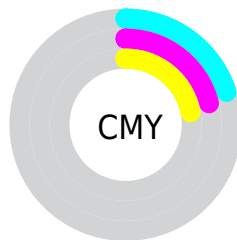


Cyan (0%)

Magenta (1%)

Yellow (2%)

Black (20%)



Cyan (20%)

Magenta (21%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.3312, 59.2019, 62.4910 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 56.3312, 59.2019, 62.4910 by changing the saturation by 10% instead.

■ 56.3312, 59.2019,
62.4910

■ 56.3312, 59.2019,
62.4910

400.9933,
421.6497, 451.7768

■ 40.7066, 42.7757,
44.9912

98.6257, 103.6710,
110.0133

■ 28.2765, 29.7091,
31.1076

126.0262,
132.4828, 140.8729

■ 18.6757, 19.6179,
20.4216

158.0828,
166.1917, 177.0229

■ 11.5388, 12.1176,
12.5148

195.1607,
205.1824, 218.8817

■ 6.5004, 6.8238,
6.9685

237.6254,
249.8391, 266.8680

■ 3.1952, 3.3522,
3.3643

285.8421,

■ 1.2578, 1.3182,

300.5463, 321.4003

1.2835

340.1763,
357.6884, 382.8970

■ 0.1513, 0.1553,
0.0482

■ 0.0000, 0.0000,
0.0000

■ 56.3312, 59.2019,
62.4910

■ 56.3312, 59.2019,
62.4910

■ 52.2589, 54.5965,
50.2206

■ 60.8254, 64.1413,
76.4701

■ 48.5893, 50.3094,
39.5884

■ 65.7498, 69.4147,
92.2168

■ 45.3092, 46.3346,
30.5247

■ 70.2698, 74.6926,
105.3212

■ 42.4026, 42.6630,
22.9534

■ 72.5438, 79.2407,
106.0793

■ 39.8522, 39.2853,
16.7918

■ 74.9246, 84.0023,
106.8729

■ 37.6393, 36.1910,
11.9492

■ 77.4136, 88.9802,
107.7025

■ 35.7429, 33.3690,
8.3241

■ 78.7122, 91.5776,
108.1354

■ 34.1393, 30.8070,
5.8001

■ 32.8001, 28.4906,
4.2375

Harmonies

Analogous

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



56.6713, 59.2019, 62.8392



56.3312, 59.2019, 62.4910



55.9760, 59.2019, 62.6660

Triad

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



56.3312, 59.2019, 62.4910



55.6394, 59.2019, 65.3069



56.8426, 59.2019, 65.6154

Complementary

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



56.3312, 59.2019, 62.4910



55.3391, 58.2745, 65.4591

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.



56.5643, 59.2019, 66.2895



56.3312, 59.2019, 62.4910



55.8698, 59.2019, 66.1101

Square

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



56.3312, 59.2019, 62.4910



55.5776, 59.2019, 64.2847



56.2081, 59.2019, 66.4716



56.9674, 59.2019, 64.6372

Rectangle

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



56.3312, 59.2019, 62.4910



55.7783, 59.2019, 63.0568



56.2081, 59.2019, 66.4716



56.7639, 59.2019, 65.8855

Sweetspot

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



56.3329, 59.2045, 62.4923



94.3181, 99.1888, 106.6441



55.8688, 57.9022, 63.4909



20.1957, 21.2391, 22.8500



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.



56.3329, 59.2045, 62.4923



92.8757, 97.5833, 102.2195



56.6676, 60.0771, 62.6431



12.2731, 12.8907, 13.3768



20.1884, 17.1098, 2.2385



1.1145, 1.0286, 0.1398

Inverse Universe

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



55.3391, 58.2745, 65.4591



90.8429, 95.6810, 108.2881



55.0095, 57.4181, 65.3112



11.9407, 12.5797, 14.3691



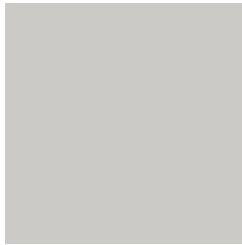
8.8195, 6.6629, 36.7775



0.5286, 0.4910, 1.9219

Previews

White Background



This preview shows how the XYZ color 56.3312, 59.2019, 62.4910 looks on a white background.

Color Contrast Check

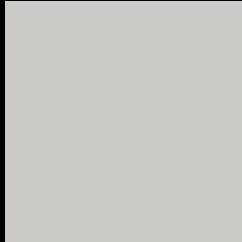
Large Text (above 18pt) WCAG AA × Fail

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 56.3312, 59.2019, 62.4910 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

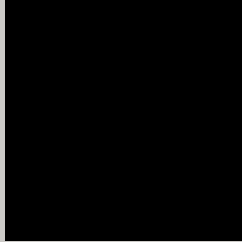
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

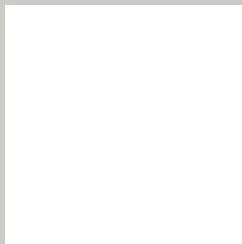
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.3312, 59.2019, 62.4910

Background



This preview shows how black text looks on a background with the XYZ color 56.3312, 59.2019, 62.4910.

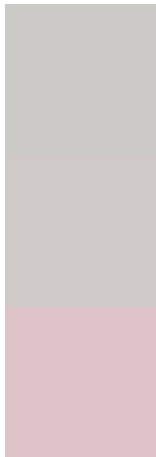


This preview shows how white text looks on a background with the XYZ color 56.3312, 59.2019,

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

56.3312, 59.2019, 62.4910

Protanopia

56.9276, 59.1622, 62.4519

Deuteranopia

60.2895, 59.1796, 62.8888



Tritanopia

58.3736, 59.3367, 72.6665

Trichromacy



Original Color

56.3312, 59.2019, 62.4910

Protanomaly

56.6490, 59.0186, 62.4388

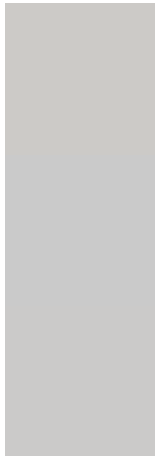
Deuteranomaly

58.6437, 59.0054, 62.9419

Tritanomaly

57.5721, 59.3559, 68.7441

Monochromacy



Original Color

56.3312, 59.2019, 62.4910

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

56.2917, 59.1546, 63.7094

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.3312, 59.2019, 62.4910 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(204, 202, 199) looks like.

```
.text, #text, p{  
    color:rgb(204, 202, 199)  
}
```

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(204, 202, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 202, 199) }
```

Border

The CSS property to change the border of an element to XYZ 56.3312, 59.2019, 62.4910 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(204, 202, 199) }
```


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

```
.border{ border-color:rgb(204, 202, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 202, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 202, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 202, 199);  
box-shadow:4px 4px 4px 4px rgb(204, 202,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 56.3312, 59.2019, 62.4910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 202, 199) }
```

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

```
.background{ background-color: rgb(204,  
202, 199) }
```

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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