

Converting Colors

XYZ(52.6202, 59.0542, 55.0618)

Have a look what the booklet for
XYZ(52.6202, 59.0542, 55.0618)
contains.

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Color

**XYZ(52.6616, 59.2472,
55.1147)**

Conversions

Conversions Part 1

Format	Color
Hex	BFCFBA
RGB	191, 207, 186
RGB Percent	75%, 81%, 73%
CMY	0.2510, 0.1882, 0.2706
CMYK	0.08, 0.00, 0.10, 0.19
HSL	106°, 18%, 77%
HSV	106°, 10%, 81%
XYZ	52.6616, 59.2472, 55.1147
YIQ	199.8220, -2.7950, -9.9230

Conversions

Conversions Part 2

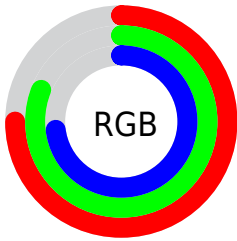
Format	Color
RYB	186, 207, 202
Decimal	12570554
CIELab	81.43, -9.28, 8.59
CIELCh	81, 12.642, 137.221
Yxy	59.2472, 0.3153, 0.3547
Android (android.graphics.Color)	4290760634 (0xFFBFCFBA)
YUV	199.8220, -6.8142, -7.7369
Hunter-Lab	76.9722, -12.5781, 11.4269

Details

The XYZ color **52.6616, 59.2472, 55.1147** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.1809, 52.1811, 66.3036**, and the grayscale version is **54.8334, 57.6890, 62.8233**.

A 20% lighter version of the original color is **90.1448, 97.7050, 98.1122**, and **26.1061, 29.8792, 26.5816** is the 20% darker color. If you saturate the color by 10%, you get **46.8634, 56.4960, 44.1760**, and if you desaturate by 10%, it is **59.2092, 62.3513, 67.7551**.

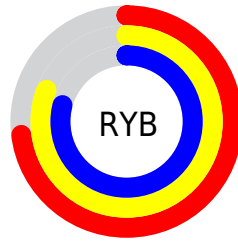
Distribution



Red (75%)

Green (81%)

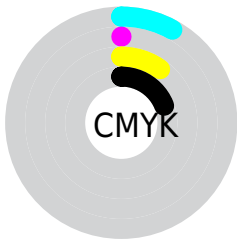
Blue (73%)



Red (73%)

Yellow (81%)

Blue (79%)

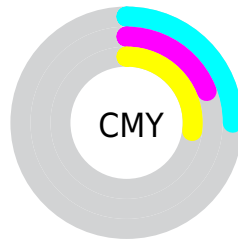


Cyan (8%)

Magenta (0%)

Yellow (10%)

Black (19%)



Cyan (25%)

Magenta (19%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.6616, 59.2472, 55.1147 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 52.6616, 59.2472, 55.1147 by changing the saturation by 10% instead.

■ 52.6616, 59.2472,
55.1147

■ 52.6616, 59.2472,
55.1147

387.2676,
421.8174, 423.6408

■ 37.7591, 42.8121,
39.0943

■ 93.2747, 103.7369,
99.1818

■ 25.9721, 29.7378,
26.5247

119.7160,
132.5603, 128.0657

■ 16.9354, 19.6396,
16.9873

150.7343,
166.2819, 162.0744

■ 10.2834, 12.1334,
10.0636

186.6948,
205.2861, 201.6266

■ 5.6510, 6.8346,
5.3350

227.9631,
249.9574, 247.1408

■ 2.6727, 3.3589,
2.3830

274.9044,

■ 0.9831, 1.3218,

300.6801, 299.0356

0.7771

327.8841,
357.8387, 357.7294

■ 0.0000, 0.1580,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 52.6616, 59.2472,
55.1147

■ 52.6616, 59.2472,
55.1147

■ 46.8634, 56.4960,
44.1760

■ 59.2092, 62.3513,
67.7551

■ 41.7825, 54.0775,
34.8627

■ 66.5269, 65.8125,
82.1615

■ 37.3918, 51.9814,
27.0984

■ 74.6409, 69.6444,
98.3995

■ 33.6605, 50.1934,
20.7988

■ 81.2713, 72.9365,
104.4024

■ 30.5554, 48.6985,
15.8719

■ 81.6040, 73.1080,
104.4180

■ 28.0401, 47.4801,
12.2152

■ 26.0742, 46.5200,
9.7118

■ 24.6116, 45.7975,
8.2232

■ 23.5938, 45.2878,
7.4979

Harmonies

Analogous

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



54.8203, 59.2472, 51.5737



52.6616, 59.2472, 55.1147



51.4970, 59.2472, 61.3418

Triad

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



52.6616, 59.2472, 55.1147



55.1952, 59.2472, 79.7831



61.3116, 59.2472, 60.2931

Complementary

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



52.6616, 59.2472, 55.1147



53.1809, 52.1811, 66.3036

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.



61.4197, 59.2472, 67.7857



52.6616, 59.2472, 55.1147



57.8319, 59.2472, 79.4469

Square

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



52.6616, 59.2472, 55.1147



52.9287, 59.2472, 75.8025



60.1287, 59.2472, 74.9169



59.8380, 59.2472, 54.3989

Rectangle

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



52.6616, 59.2472, 55.1147



51.4163, 59.2472, 66.3585



60.1287, 59.2472, 74.9169



61.5104, 59.2472, 62.6964

Sweetspot

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



52.6632, 59.2497, 55.1160



91.7305, 98.4282, 102.4430



55.6595, 58.9371, 54.8977



19.4483, 20.9797, 21.5670



0.0000, 0.0000, 0.0000



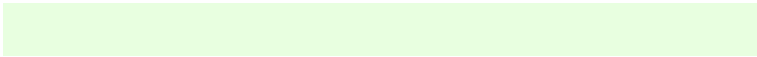
20.3446, 21.4041, 23.3091

Same Dimension

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



52.6632, 59.2497, 55.1160



82.4450, 94.0265, 84.6094



51.9959, 58.8400, 58.0528



11.9160, 13.3402, 12.5589



14.9355, 28.5685, 4.7271



0.9076, 1.6347, 0.2677

Inverse Universe

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



53.1809, 52.1811, 66.3036



83.4242, 80.6512, 105.7781



53.9243, 52.6372, 63.0424



12.0243, 11.8614, 14.8994



16.0340, 7.4461, 37.7847



0.9645, 0.4514, 2.1159

Previews

White Background



This preview shows how the XYZ color 52.6616, 59.2472, 55.1147 looks on a white background.

Color Contrast Check

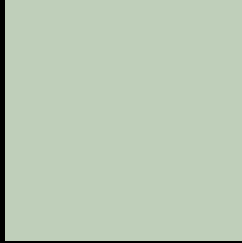
Large Text (above 18pt) WCAG AA × Fail

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 52.6616, 59.2472, 55.1147 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

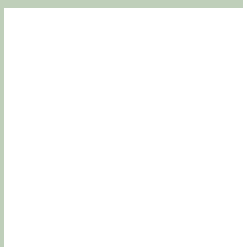
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.6616, 59.2472, 55.1147

Background



This preview shows how black text looks on a background with the XYZ color 52.6616, 59.2472, 55.1147.

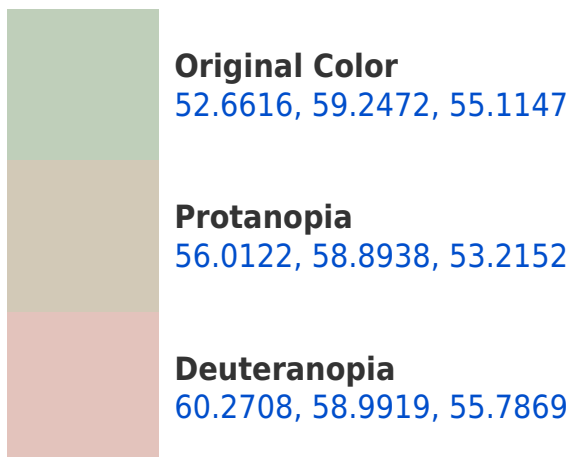


This preview shows how white text looks on a background with the XYZ color 52.6616, 59.2472,

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





Tritanopia

56.5404, 59.0388, 74.7453

Trichromacy



Original Color

52.6616, 59.2472, 55.1147

Protanomaly

54.6363, 58.8691, 53.8306

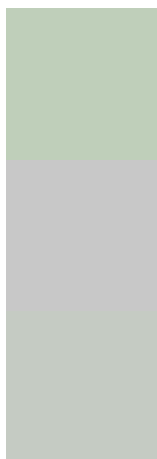
Deuteranomaly

57.1246, 58.7308, 55.3391

Tritanomaly

54.9816, 59.1113, 66.9043

Monochromacy



Original Color

52.6616, 59.2472, 55.1147

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

54.2322, 58.5223, 60.0674

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.6616, 59.2472, 55.1147 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(191, 207, 186)` looks like.

```
.text, #text, p{  
    color:rgb(191, 207, 186)  
}
```

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(191, 207, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 207, 186) }
```

Border

The CSS property to change the border of an element to XYZ 52.6616, 59.2472, 55.1147 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(191, 207, 186) }
```


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

```
.border{ border-color:rgb(191, 207, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 207, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(191, 207, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(191, 207, 186); box-shadow:4px 4px 4px 4px rgb(191, 207, 186) }
```

Background

The CSS property to change the background color of an element to XYZ 52.6616, 59.2472, 55.1147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 207, 186) }
```

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

```
.background{ background-color: rgb(191,  
207, 186) }
```

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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