

Converting Colors

XYZ(55.9806, 58.8229, 62.3826)

Have a look what the booklet for
XYZ(55.9806, 58.8229, 62.3826)
contains.

XYZ(55.8240, 58.5933, 62.4002)	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(55.8240, 58.5933,
62.4002)**

Conversions

Conversions Part 1

Format	Color
Hex	CBC9C7
RGB	203, 201, 199
RGB Percent	80%, 79%, 78%
CMY	0.2039, 0.2117, 0.2196
CMYK	0.00, 0.01, 0.02, 0.20
HSL	30°, 4%, 79%
HSV	30°, 2%, 80%
XYZ	55.8240, 58.5933, 62.4002
YIQ	201.3700, 1.8340, -0.1980

Conversions

Conversions Part 2

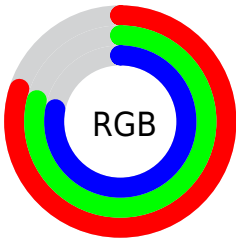
Format	Color
R _{YB}	203, 203, 199
Decimal	13355463
CIE Lab	81.07, 0.33, 1.23
CIE LCh	81, 1.275, 74.895
Yxy	58.5933, 0.3157, 0.3314
Android (android.graphics.Color)	4291545543 (0xFFCBC9C7)
YUV	201.3700, -1.1684, 1.4295
Hunter-Lab	76.5463, -3.7787, 5.2494

Details

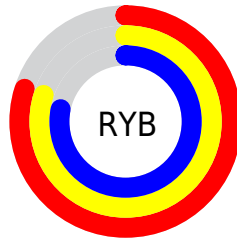
The XYZ color **55.8240, 58.5933, 62.4002** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.2193, 58.2263, 64.8290**, and the grayscale version is **55.7545, 58.6581, 63.8787**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **27.9390, 29.3013, 30.9712** is the 20% darker color. If you saturate the color by 10%, you get **51.3386, 53.1457, 50.0419**, and if you desaturate by 10%, it is **60.7830, 64.4833, 76.4690**.

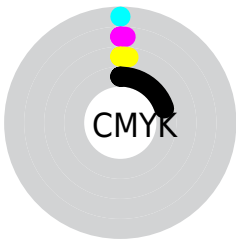
Distribution



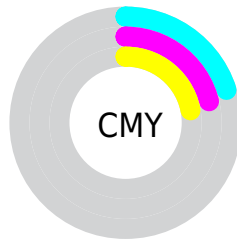
- Red (80%)
- Green (79%)
- Blue (78%)



- Red (80%)
- 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 55.8240, 58.5933, 62.4002 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 55.8240, 58.5933, 62.4002 by changing the saturation by 10% instead.

■ 55.8240, 58.5933,
62.4002

■ 55.8240, 58.5933,
62.4002

399.1137,
419.3931, 451.4373

■ 40.2983, 42.2858,
44.9183

97.8885, 102.7863,
109.8809

■ 27.9564, 29.3252,
31.0506

125.1580,
131.4407, 140.7168

■ 18.4331, 19.3269,
20.3786

157.0728,
164.9794, 176.8411

■ 11.3629, 11.9068,
12.4837

193.9982,
203.7870, 218.6723

■ 6.3806, 6.6802,
6.9475

236.2997,
248.2477, 266.6290

■ 3.1207, 3.2629,
3.3513

284.3425,

■ 1.2179, 1.2705,

298.7461, 321.1297

1.2767

338.4921,
355.6664, 382.5929

■ 0.1204, 0.1182,
0.0426

■ 0.0000, 0.0000,
0.0000

■ 55.8240, 58.5933,
62.4002

■ 55.8240, 58.5933,
62.4002

■ 51.3386, 53.1457,
50.0419

■ 60.7830, 64.4833,
76.4690

■ 47.3065, 48.1221,
39.3243

■ 66.2251, 70.8186,
92.3070

■ 43.7132, 43.5136,
30.1782

■ 71.3666, 77.2921,
105.7652

■ 40.5412, 39.3081,
22.5281

■ 74.2914, 83.1417,
106.7401

■ 37.7720, 35.4931,
16.2921

■ 77.3832, 89.3252,
107.7707

■ 35.3853, 32.0549,
11.3806

■ 78.4389, 91.4367,
108.1226

■ 33.3589, 28.9791,
7.6932

■ 31.6675, 26.2496,
5.1152

■ 30.2815, 23.8486,
3.5093

Harmonies

Analogous

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



56.0528, 58.5933, 62.7741



55.8240, 58.5933, 62.4002



55.5604, 58.5933, 62.3988

Triad

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



55.8240, 58.5933, 62.4002



55.2004, 58.5933, 64.1738



56.0514, 58.5933, 64.8370

Complementary

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



55.8240, 58.5933, 62.4002



55.2193, 58.2263, 64.8290

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.



55.8222, 58.5933, 65.2182



55.8240, 58.5933, 62.4002



55.3311, 58.5933, 64.8332

Square

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



55.8240, 58.5933, 62.4002



55.2009, 58.5933, 63.4188



55.5586, 58.5933, 65.2168



56.1844, 58.5933, 64.1790

Rectangle

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



55.8240, 58.5933, 62.4002



55.4003, 58.5933, 62.6092



55.5586, 58.5933, 65.2168



55.9831, 58.5933, 65.0020

Sweetspot

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



55.8257, 58.5958, 62.4015



94.2374, 99.0275, 106.6172



55.5954, 57.7613, 63.4779



20.1793, 21.2062, 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.



55.8257, 58.5958, 62.4015



93.4330, 98.0626, 104.3638



56.2941, 59.5326, 62.5576



12.4297, 13.0479, 13.9098



18.7689, 14.2707, 1.7653



1.0442, 0.8880, 0.1164

Inverse Universe

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



55.2193, 58.2263, 64.8290



92.3889, 97.4264, 108.5435



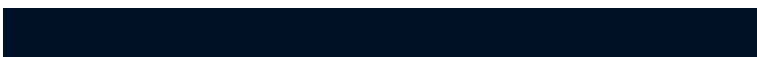
54.7569, 57.3016, 64.6749



12.3009, 12.9695, 14.4254



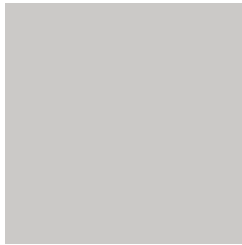
9.9321, 8.8881, 37.1484



0.5883, 0.6103, 1.9417

Previews

White Background



This preview shows how the XYZ color 55.8240, 58.5933, 62.4002 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 55.8240, 58.5933, 62.4002 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

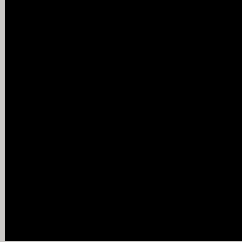
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

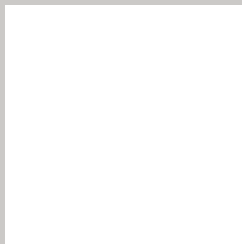
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.8240, 58.5933, 62.4002

Background



This preview shows how black text looks on a background with the XYZ color 55.8240, 58.5933, 62.4002.

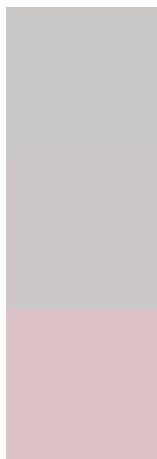


This preview shows how white text looks on a background with the XYZ color 55.8240, 58.5933,

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

55.8240, 58.5933, 62.4002

Protanopia

56.1399, 58.4112, 62.3484

Deuteranopia

59.7592, 58.5725, 62.7996



Tritanopia

57.7379, 58.6810, 71.9018

Trichromacy



Original Color

55.8240, 58.5933, 62.4002

Protanomaly

55.8649, 58.2694, 62.3356

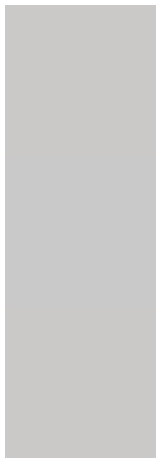
Deuteranomaly

58.1231, 58.3988, 62.8523

Tritanomaly

57.0647, 58.7494, 68.6537

Monochromacy



Original Color

55.8240, 58.5933, 62.4002

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

55.6691, 58.5000, 63.0011

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.8240, 58.5933, 62.4002 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(203, 201, 199)` looks like.

```
.text, #text, p{  
    color:rgb(203, 201, 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(203, 201, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 201, 199) }
```

Border

The CSS property to change the border of an element to XYZ 55.8240, 58.5933, 62.4002 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(203, 201, 199) }
```


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

```
.border{ border-color:rgb(203, 201, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 201, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 201, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 201, 199);  
box-shadow:4px 4px 4px 4px rgb(203, 201,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 55.8240, 58.5933, 62.4002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 201, 199) }
```

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

```
.background{ background-color: rgb(203,  
201, 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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