

Converting Colors

XYZ(55.3597, 57.9840, 65.0826)

Have a look what the booklet for
XYZ(55.3597, 57.9840, 65.0826)
contains.

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Color

**XYZ(55.2532, 57.8997,
64.7635)**

Conversions

Conversions Part 1

Format	Color
Hex	C8C8CB
RGB	200, 200, 203
RGB Percent	78%, 78%, 80%
CMY	0.2157, 0.2157, 0.2039
CMYK	0.01, 0.01, 0.00, 0.20
HSL	240°, 3%, 79%
HSV	240°, 1%, 80%
XYZ	55.2532, 57.8997, 64.7635
YIQ	200.3420, -0.9630, 0.9330

Conversions

Conversions Part 2

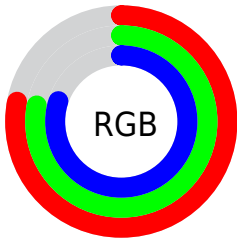
Format	Color
R _{YB}	200, 200, 203
Decimal	13158603
CIE Lab	80.68, 0.56, -1.50
CIE LCh	81, 1.603, 290.362
Yxy	57.8997, 0.3106, 0.3254
Android (android.graphics.Color)	4291348683 (0xFFC8C8CB)
YUV	200.3420, 1.3104, -0.2999
Hunter-Lab	76.0919, -3.5451, 2.8012

Details

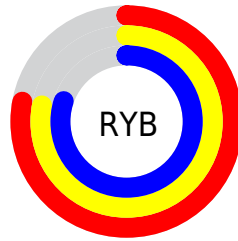
The XYZ color **55.2532, 57.8997, 64.7635** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.4100, 59.5779, 63.1711**, and the grayscale version is **55.1045, 57.9742, 63.1339**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **27.5578, 28.8387, 32.5477** is the 20% darker color. If you saturate the color by 10%, you get **45.7987, 46.5116, 63.0645**, and if you desaturate by 10%, it is **66.0538, 70.9097, 66.7063**.

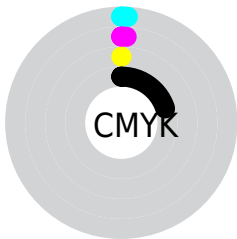
Distribution



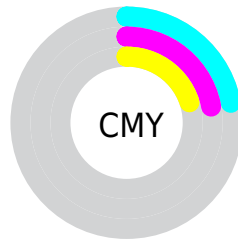
- Red (78%)
- Green (78%)
- Blue (80%)



- Red (78%)
- Yellow (78%)
- Blue (80%)



- Cyan (1%)
- Magenta (1%)
- Yellow (0%)
- Black (20%)



- Cyan (22%)
- Magenta (22%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.2532, 57.8997, 64.7635 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 55.2532, 57.8997, 64.7635 by changing the saturation by 10% instead.

■ 55.2532, 57.8997,
64.7635

■ 55.2532, 57.8997,
64.7635

396.9918,
416.8121, 460.2245

■ 39.8391, 41.7280,
46.8192

97.0580, 101.7768,
113.3198

■ 27.5968, 28.8884,
32.5394

124.1794,
130.2510, 144.7689

■ 18.1608, 18.9964,
21.5056

155.9340,
163.5948, 181.5566

■ 11.1659, 11.6677,
13.2993

192.6871,
202.1926, 224.1016

■ 6.2467, 6.5178,
7.5018

234.8041,
246.4289, 272.8224

■ 3.0377, 3.1624,
3.6947

282.6503,

■ 1.1737, 1.2171,

296.6880, 328.1374

1.4594

336.5911,
353.3542, 390.4653

■ 0.0855, 0.0756,
0.1874

■ 0.0000, 0.0000,
0.0000

■ 55.2532, 57.8997,
64.7635

■ 55.2532, 57.8997,
64.7635

■ 45.7987, 46.5116,
63.0645

■ 66.0538, 70.9097,
66.7063

■ 37.6328, 36.6746,
61.5962

■ 78.2450, 85.5937,
68.8981

■ 30.7013, 28.3241,
60.3497

■ 87.7797, 97.0919,
70.6149

■ 24.9441, 21.3877,
59.3143

■ 20.2962, 15.7871,
58.4783

■ 16.6863, 11.4366,
57.8288

■ 14.0347, 8.2403,
57.3516

■ 12.2504, 6.0885,
57.0303

■ 11.2245, 4.8504,
56.8454

Harmonies

Analogous

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



54.9257, 57.8997, 64.8531



55.2532, 57.8997, 64.7635



55.5224, 57.8997, 64.2103

Triad

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



55.2532, 57.8997, 64.7635



55.4381, 57.8997, 61.6526



54.4082, 57.8997, 62.7389

Complementary

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



55.2532, 57.8997, 64.7635



56.4100, 59.5779, 63.1711

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.



54.5443, 57.8997, 61.8898



55.2532, 57.8997, 64.7635



55.1383, 57.8997, 61.2667

Square

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



55.2532, 57.8997, 64.7635



55.6295, 57.8997, 62.4122



54.8112, 57.8997, 61.3531



54.4387, 57.8997, 63.6779

Rectangle

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



55.2532, 57.8997, 64.7635



55.6322, 57.8997, 63.6562



54.8112, 57.8997, 61.3531



54.4360, 57.8997, 62.4337

Sweetspot

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



55.2549, 57.9022, 64.7648

95.0500, 100.0000, 108.9000



55.9498, 59.3016, 64.9670



20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

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



55.2549, 57.9022, 64.7648



91.5948, 95.8380, 108.2788



55.6432, 58.1013, 64.7827



12.2029, 12.7734, 14.3927



6.8620, 2.7479, 36.1250



0.3543, 0.1425, 1.8638

Inverse Universe

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



55.7095, 58.1763, 62.9394



92.6350, 96.4653, 104.1021



56.0177, 59.3768, 63.1529



12.3312, 12.8508, 13.8775



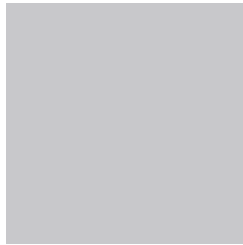
15.6745, 8.0804, 0.7387



0.8088, 0.4169, 0.0390

Previews

White Background



This preview shows how the XYZ color 55.2532, 57.8997, 64.7635 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 55.2532, 57.8997, 64.7635 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

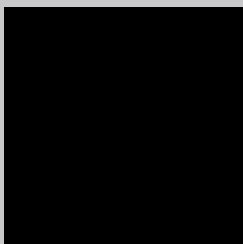
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

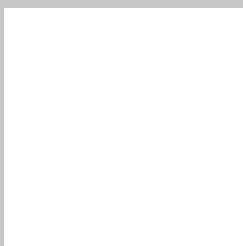
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.2532, 57.8997, 64.7635

Background



This preview shows how black text looks on a background with the XYZ color 55.2532, 57.8997, 64.7635.

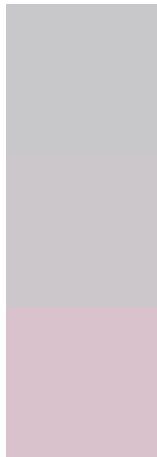


This preview shows how white text looks on a background with the XYZ color 55.2532, 57.8997,

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

55.2532, 57.8997, 64.7635

Protanopia

55.7127, 57.8076, 64.0987

Deuteranopia

59.1043, 57.8486, 65.1775



Tritanopia

56.6888, 57.7998, 71.7870

Trichromacy



Original Color

55.2532, 57.8997, 64.7635

Protanomaly

55.4412, 57.6677, 64.0860

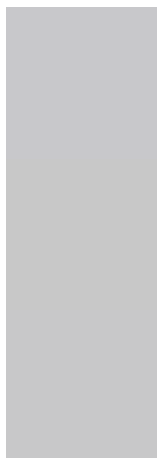
Deuteranomaly

57.5030, 57.6884, 65.2310

Tritanomaly

56.1437, 57.9175, 69.1929

Monochromacy



Original Color

55.2532, 57.8997, 64.7635

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

55.0163, 57.8050, 63.5161

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.2532, 57.8997, 64.7635 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(200, 200, 203)` looks like.

```
.text, #text, p{  
    color:rgb(200, 200, 203)  
}
```

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(200, 200, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 200, 203) }
```

Border

The CSS property to change the border of an element to XYZ 55.2532, 57.8997, 64.7635 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(200, 200, 203) }
```

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

```
.border{ border-color:rgb(200, 200, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 200, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 200, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 200, 203);  
box-shadow:4px 4px 4px 4px rgb(200, 200,  
203) }
```


Background

The CSS property to change the background color of an element to XYZ 55.2532, 57.8997, 64.7635 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 200, 203) }
```

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

```
.background{ background-color: rgb(200,  
200, 203) }
```

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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