

Converting Colors

XYZ(55.6338, 55.0758, 65.4360)

Have a look what the booklet for
XYZ(55.6338, 55.0758, 65.4360)
contains.

XYZ(55.6627, 55.0793, 65.4552)	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(55.6627, 55.0793,
65.4552)**

Conversions

Conversions Part 1

Format	Color
Hex	D0BFCD
RGB	208, 191, 205
RGB Percent	82%, 75%, 80%
CMY	0.1843, 0.2510, 0.1961
CMYK	0.00, 0.08, 0.01, 0.18
HSL	311°, 15%, 78%
HSV	311°, 8%, 82%
XYZ	55.6627, 55.0793, 65.4552
YIQ	197.6790, 5.6380, 7.9580

Conversions

Conversions Part 2

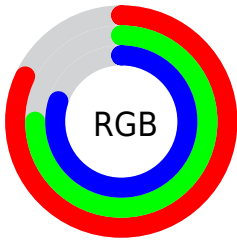
Format	Color
R _Y B	208, 191, 205
Decimal	13680589
CIE Lab	79.09, 8.47, -4.85
CIE LCh	79, 9.757, 330.185
Yxy	55.0793, 0.3159, 0.3126
Android (android.graphics.Color)	4291870669 (0xFFD0BFCD)
YUV	197.6790, 3.6093, 9.0515
Hunter-Lab	74.2154, 4.0007, -0.3407

Details

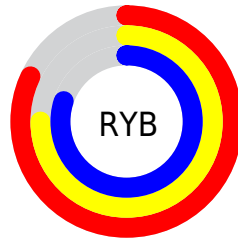
The XYZ color **55.6627, 55.0793, 65.4552** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.7815, 60.0847, 59.8049**, and the grayscale version is **53.4595, 56.2435, 61.2492**.

A 20% lighter version of the original color is **92.5508, 95.0015, 108.0669**, and **28.0008, 27.2813, 33.0682** is the 20% darker color. If you saturate the color by 10%, you get **51.0074, 46.4690, 61.7429**, and if you desaturate by 10%, it is **60.9757, 64.9869, 69.4394**.

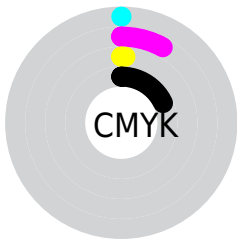
Distribution



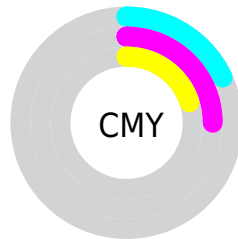
- Red (82%)
- Green (75%)
- Blue (80%)



- Red (82%)
- Yellow (75%)
- Blue (80%)



- Cyan (0%)
- Magenta (8%)
- Yellow (1%)
- Black (18%)



- Cyan (18%)
- Magenta (25%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.6627, 55.0793, 65.4552 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 55.6627, 55.0793, 65.4552 by changing the saturation by 10% instead.

■ 55.6627, 55.0793,
65.4552

■ 55.6627, 55.0793,
65.4552

398.5148,
406.2125, 462.7769

■ 40.1685, 39.4652,
47.3766

■ 97.6539, 97.6571,
114.3236

■ 27.8547, 27.1218,
32.9770

124.8816,
125.3897, 145.9504

■ 18.3561, 17.6647,
21.8378

156.7512,
157.9305, 182.9304

■ 11.3072, 10.7096,
13.5406

193.6280,
195.6640, 225.6822

■ 6.3426, 5.8719,
7.6668

235.8775,
238.9745, 274.6241

■ 3.0972, 2.7673,
3.7978

283.8648,

■ 1.2054, 1.0115,

288.2465, 330.1749

1.5151

337.9555,
343.8644, 392.7529

■ 0.1106, 0.0000,
0.2291

■ 0.0000, 0.0000,
0.0000

■ 55.6627, 55.0793,
65.4552

■ 55.6627, 55.0793,
65.4552

■ 51.0074, 46.4690,
61.7429

■ 60.9757, 64.9869,
69.4394

■ 46.9780, 39.0947,
58.2895

■ 66.9673, 76.2355,
73.7008

■ 43.5472, 32.9010,
55.0863

■ 73.6629, 88.8756,
78.2489

■ 40.6835, 27.8255,
52.1224

■ 74.6497, 90.0809,
80.9463

38.3528, 23.7998,
49.3861

75.1406, 90.2772,
83.5312

36.5173, 20.7481,
46.8644

75.6422, 90.4779,
86.1726

35.1338, 18.5847,
44.5425

76.1546, 90.6828,
88.8709

34.1518, 17.2084,
42.4034

76.6779, 90.8921,
91.6265

33.4964, 16.4696,
40.4215

77.2121, 91.1058,
94.4397

Harmonies

Analogous

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



54.2537, 55.0793, 69.7125



55.6627, 55.0793, 65.4552



56.1798, 55.0793, 59.9375

Triad

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



55.6627, 55.0793, 65.4552



52.3392, 55.0793, 49.8887



49.1853, 55.0793, 65.5186

Complementary

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



55.6627, 55.0793, 65.4552



53.7815, 60.0847, 59.8049

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.



48.7006, 55.0793, 60.0065



55.6627, 55.0793, 65.4552



50.4938, 55.0793, 51.1839

Square

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



55.6627, 55.0793, 65.4552



54.2323, 55.0793, 51.1529



49.1738, 55.0793, 54.8039



50.5141, 55.0793, 69.7506

Rectangle

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



55.6627, 55.0793, 65.4552



55.9395, 55.0793, 56.3526



49.1738, 55.0793, 54.8039



48.9197, 55.0793, 63.7431

Sweetspot

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



55.6643, 55.0817, 65.4564



93.2999, 96.7312, 107.6033



52.2237, 53.2657, 67.2043



19.9884, 20.7387, 23.0452



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.



55.6643, 55.0817, 65.4564



86.7315, 84.5092, 102.5938



54.6850, 54.6900, 60.2995



12.2175, 11.9717, 14.4212



20.8428, 10.2100, 25.1423



1.1895, 0.5805, 1.5325

Inverse Universe

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



55.6643, 55.0817, 65.4564



86.7315, 84.5092, 102.5938



54.7438, 60.4696, 64.8724



12.2175, 11.9717, 14.4212



20.8428, 10.2100, 25.1423



1.1895, 0.5805, 1.5325

Previews

White Background



This preview shows how the XYZ color 55.6627, 55.0793, 65.4552 looks on a white background.

Color Contrast Check

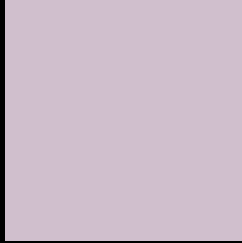
Large Text (above 18pt) WCAG AA × Fail

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 55.6627, 55.0793, 65.4552 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

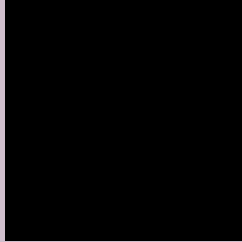
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.6627, 55.0793, 65.4552

Background



This preview shows how black text looks on a background with the XYZ color 55.6627, 55.0793, 65.4552.



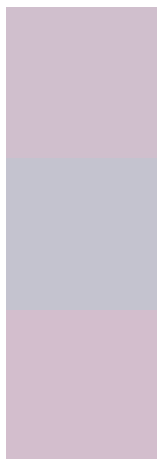
This preview shows how white text looks on a background with the XYZ color 55.6627, 55.0793,

65.4552.

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

55.6627, 55.0793, 65.4552

Protanopia

53.5425, 55.2710, 66.8779

Deuteranopia

56.2969, 55.0836, 65.4226



Tritanopia

55.7838, 55.1277, 66.0931

Trichromacy



Original Color

55.6627, 55.0793, 65.4552

Protanomaly

54.2518, 55.3192, 66.2108

Deuteranomaly

56.0112, 54.9363, 65.4093

Tritanomaly

55.7838, 55.1277, 66.0931

Monochromacy



Original Color

55.6627, 55.0793, 65.4552

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

54.4148, 55.8038, 63.1616

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.6627, 55.0793, 65.4552 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(208, 191, 205)` looks like.

```
.text, #text, p{  
    color:rgb(208, 191, 205)  
}
```

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(208, 191, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 191, 205) }
```

Border

The CSS property to change the border of an element to XYZ 55.6627, 55.0793, 65.4552 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(208, 191, 205) }
```


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

```
.border{ border-color:rgb(208, 191, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 191, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 191, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 191, 205);  
box-shadow:4px 4px 4px 4px rgb(208, 191,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 55.6627, 55.0793, 65.4552 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 191, 205) }
```

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

```
.background{ background-color: rgb(208,  
191, 205) }
```

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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