

# Converting Colors

XYZ(55.5430, 55.6695, 65.5755)

Have a look what the booklet for  
XYZ(55.5430, 55.6695, 65.5755)  
contains.

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# Color

**XYZ(55.5430, 55.6695,  
65.5755)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CEC1CD
RGB	206, 193, 205
RGB Percent	81%, 76%, 80%
CMY	0.1922, 0.2431, 0.1961
CMYK	0.00, 0.06, 0.00, 0.19
HSL	305°, 12%, 78%
HSV	305°, 6%, 81%
XYZ	55.5430, 55.6695, 65.5755
YIQ	198.2550, 3.8960, 6.4880

# Conversions

## Conversions Part 2

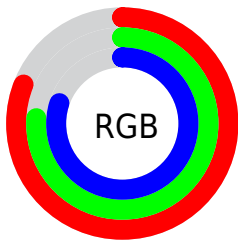
Format	Color
R <sub>Y</sub> B	206, 193, 205
Decimal	13550029
CIE Lab	79.43, 6.71, -4.37
CIE LCh	79, 8.006, 326.906
Yxy	55.6695, 0.3142, 0.3149
Android (android.graphics.Color)	4291740109 (0xFFCEC1CD)
YUV	198.2550, 3.3253, 6.7924
Hunter-Lab	74.6120, 2.3088, 0.1192

# Details

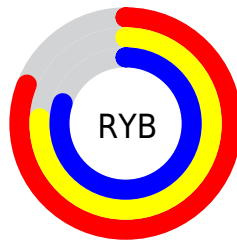
The XYZ color **55.5430, 55.6695, 65.5755** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.8033, 59.3766, 59.6668**, and the grayscale version is **53.8117, 56.6141, 61.6527**.

A 20% lighter version of the original color is **93.1657, 96.2314, 108.2719**, and **27.9129, 27.6659, 33.1470** is the 20% darker color. If you saturate the color by 10%, you get **51.1128, 47.1130, 63.1602**, and if you desaturate by 10%, it is **60.6126, 65.5002, 68.2149**.

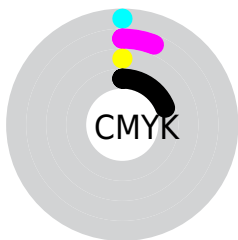
# Distribution



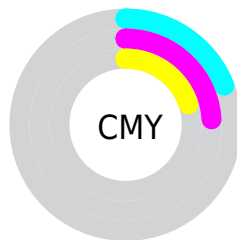
- Red (81%)
- Green (76%)
- Blue (80%)



- Red (81%)
- Yellow (76%)
- Blue (80%)



- Cyan (0%)
- Magenta (6%)
- Yellow (0%)
- Black (19%)



- Cyan (19%)
- Magenta (24%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 55.5430, 55.6695, 65.5755 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 55.5430, 55.6695, 65.5755 by changing the saturation by 10% instead.



■ 55.5430, 55.6695,  
65.5755

■ 55.5430, 55.6695,  
65.5755

398.0700,  
408.4448, 463.2199

■ 40.0722, 39.9380,  
47.4736

■ 97.4798, 98.5212,  
114.4980

■ 27.7793, 27.4902,  
33.0532

124.6764,  
126.4102, 146.1557

■ 18.2990, 17.9417,  
21.8957

156.5125,  
159.1204, 183.1691

■ 11.2658, 10.9082,  
13.5827

193.3532,  
197.0364, 225.9567

■ 6.3145, 6.0051,  
7.6956

235.5639,  
240.5424, 274.9370

■ 3.0797, 2.8482,  
3.8158

283.5101,

■ 1.1961, 1.0530,

290.0229, 330.5286

1.5249

337.5570,  
345.8622, 393.1501

■ 0.1033, 0.0000,  
0.2363

■ 0.0000, 0.0000,  
0.0000

■ 55.5430, 55.6695,  
65.5755

■ 55.5430, 55.6695,  
65.5755

■ 51.1128, 47.1130,  
63.1602

■ 60.6126, 65.5002,  
68.2149

■ 47.2912, 39.7714,  
60.9566

■ 66.3415, 76.6470,  
71.0829

■ 44.0519, 33.5912,  
58.9567

■ 72.7544, 89.1588,  
74.1885

■ 41.3648, 28.5125,  
57.1503

■ 73.0147, 89.3623,  
75.2530

39.1973, 24.4698,  
55.5265

73.2148, 89.4424,  
76.3070

37.5130, 21.3905,  
54.0732

73.4170, 89.5232,  
77.3714

36.2712, 19.1931,  
52.7768

73.6211, 89.6048,  
78.4462

35.4242, 17.7822,  
51.6214

73.8272, 89.6873,  
79.5314

34.9115, 17.0371,  
50.5868

74.0352, 89.7705,  
80.6271

# Harmonies

## Analogous

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



54.3226, 55.6695, 68.8525



55.5430, 55.6695, 65.5755



56.0576, 55.6695, 61.0935

# Triad

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



55.5430, 55.6695, 65.5755



53.0791, 55.6695, 52.2015



50.2046, 55.6695, 64.7075

# Complementary

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



55.5430, 55.6695, 65.5755



53.8033, 59.3766, 59.6668

# 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.



49.8867, 55.6695, 60.1382



55.5430, 55.6695, 65.5755



51.5264, 55.6695, 53.0615

# Square

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



55.5430, 55.6695, 65.5755



54.6172, 55.6695, 53.4998



50.3658, 55.6695, 55.9105



51.2431, 55.6695, 68.3338



# Rectangle

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



55.5430, 55.6695, 65.5755



55.9237, 55.6695, 58.0778



50.3658, 55.6695, 55.9105



50.0108, 55.6695, 63.2243

# Sweetspot

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



55.5446, 55.6719, 65.5767



93.3814, 96.7638, 108.0325



52.4269, 54.0507, 66.0630



20.0049, 20.7453, 23.1325



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.



55.5446, 55.6719, 65.5767



88.6322, 87.5672, 105.5191



54.7916, 55.3707, 61.6117



11.6489, 11.3883, 13.9515



21.4231, 10.3798, 31.0101



1.1165, 0.5400, 1.6595



# Inverse Universe

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



55.5446, 55.6719, 65.5767



88.6322, 87.5672, 105.5191



54.5337, 59.6688, 63.5133



11.6489, 11.3883, 13.9515



21.4231, 10.3798, 31.0101

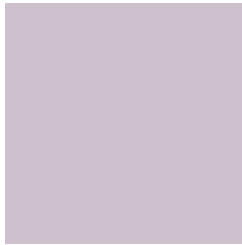


1.1165, 0.5400, 1.6595



# Previews

## White Background



This preview shows how the XYZ color 55.5430, 55.6695, 65.5755 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

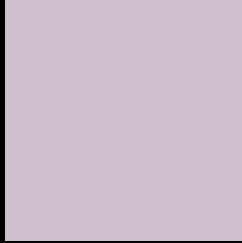
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 55.5430, 55.6695, 65.5755 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 55.5430, 55.6695, 65.5755

## Background



This preview shows how black text looks on a background with the XYZ color 55.5430, 55.6695, 65.5755.



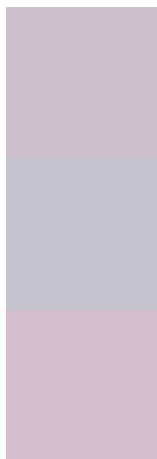
This preview shows how white text looks on a background with the XYZ color 55.5430, 55.6695,

65.5755.

# 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

55.5430, 55.6695, 65.5755

### Protanopia

54.0284, 55.8552, 66.9650

### Deuteranopia

56.8016, 55.6664, 65.5085



## Tritanopia

55.9087, 55.8158, 67.5013

# Trichromacy



## Original Color

55.5430, 55.6695, 65.5755

## Protanomaly

54.4751, 55.7658, 66.2852

## Deuteranomaly

56.4474, 55.8087, 65.5547

## Tritanomaly

55.7860, 55.7667, 66.8553

# Monochromacy



## Original Color

55.5430, 55.6695, 65.5755

## Achromatopsia

53.6758, 56.4712, 61.4971

## Achromatomaly

54.3699, 56.1144, 63.2239

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 55.5430, 55.6695, 65.5755 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(206, 193, 205) looks like.

```
.text, #text, p{  
    color:rgb(206, 193, 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(206, 193, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 193, 205) }
```

## Border

The CSS property to change the border of an element to XYZ 55.5430, 55.6695, 65.5755 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(206, 193, 205) }
```



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

```
.border{ border-color:rgb(206, 193, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 193, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 193, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 193, 205);  
box-shadow:4px 4px 4px 4px rgb(206, 193,  
205) }
```

# Background

The CSS property to change the background color of an element to XYZ 55.5430, 55.6695, 65.5755 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 193, 205) }
```

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

```
.background{ background-color: rgb(206,  
193, 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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