

Converting Colors

XYZ(55.6442, 57.8310, 57.0328)

Have a look what the booklet for
XYZ(55.6442, 57.8310, 57.0328)
contains.

XYZ(55.7301, 57.9745, 56.9681)	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(55.7301, 57.9745,
56.9681)**

Conversions

Conversions Part 1

Format	Color
Hex	D0C7BE
RGB	208, 199, 190
RGB Percent	82%, 78%, 75%
CMY	0.1843, 0.2196, 0.2549
CMYK	0.00, 0.04, 0.09, 0.18
HSL	30°, 16%, 78%
HSV	30°, 9%, 82%
XYZ	55.7301, 57.9745, 56.9681
YIQ	200.6650, 8.2530, -0.8910

Conversions

Conversions Part 2

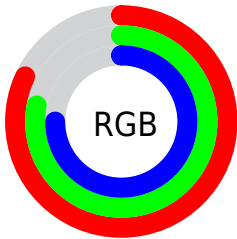
Format	Color
R _Y B	208, 208, 190
Decimal	13682622
CIE Lab	80.72, 1.58, 5.61
CIE LCh	81, 5.825, 74.307
Yxy	57.9745, 0.3265, 0.3397
Android (android.graphics.Color)	4291872702 (0xFFD0C7BE)
YUV	200.6650, -5.2578, 6.4328
Hunter-Lab	76.1410, -2.5967, 8.9384

Details

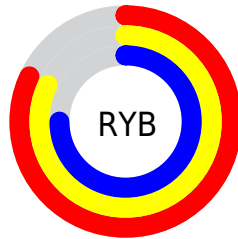
The XYZ color **55.7301, 57.9745, 56.9681** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.0436, 56.3469, 67.7554**, and the grayscale version is **55.3393, 58.2212, 63.4029**.

A 20% lighter version of the original color is **93.6346, 99.4338, 101.4464**, and **27.9672, 28.9270, 27.7763** is the 20% darker color. If you saturate the color by 10%, you get **51.3068, 52.5098, 45.0665**, and if you desaturate by 10%, it is **60.6445, 63.9009, 70.6355**.

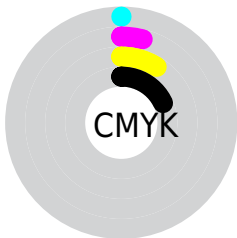
Distribution



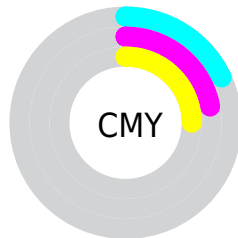
- Red (82%)
- Green (78%)
- Blue (75%)



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



- Cyan (0%)
- Magenta (4%)
- Yellow (9%)
- Black (18%)



- Cyan (18%)
- Magenta (22%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.7301, 57.9745, 56.9681 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 55.7301, 57.9745, 56.9681 by changing the saturation by 10% instead.

■ 55.7301, 57.9745,
56.9681

■ 55.7301, 57.9745,
56.9681

398.7651,
417.0909, 430.8202

■ 40.2227, 41.7881,
40.5704

■ 97.7519, 101.8857,
101.9185

■ 27.8972, 28.9354,
27.6664

124.9971,
130.3794, 131.3083

■ 18.3883, 19.0320,
17.8375

156.8856,
163.7443, 165.8660

■ 11.3305, 11.6934,
10.6652

193.7828,
202.3648, 206.0100

■ 6.3585, 6.5353,
5.7308

236.0539,
246.6253, 252.1588

■ 3.1070, 3.1732,
2.6160

284.0645,

■ 1.2106, 1.2228,

296.9102, 304.7311

0.9007

338.1797,
353.6040, 364.1454

■ 0.1147, 0.0802,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.7301, 57.9745,
56.9681

■ 55.7301, 57.9745,
56.9681

■ 51.3068, 52.5098,
45.0665

■ 60.6445, 63.9009,
70.6355

■ 47.3529, 47.4871,
34.8540

■ 66.0612, 70.2929,
86.1337

■ 43.8520, 42.8966,
26.2534

■ 71.9971, 77.1639,
103.5290

■ 40.7849, 38.7250,
19.1802

■ 75.3957, 83.2960,
106.7117

■ 38.1306, 34.9583,
13.5422

■ 78.5541, 89.6130,
107.7645

■ 35.8663, 31.5813,
9.2370

■ 79.8227, 92.1500,
108.1874

■ 33.9662, 28.5776,
6.1484

■ 32.4007, 25.9289,
4.1396

■ 31.1253, 23.6107,
2.9973

Harmonies

Analogous

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



56.7724, 57.9745, 58.6159



55.7301, 57.9745, 56.9681



54.5342, 57.9745, 56.9294

Triad

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



55.7301, 57.9745, 56.9681



52.8952, 57.9745, 64.7731



56.7321, 57.9745, 67.9771

Complementary

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



55.7301, 57.9745, 56.9681



53.0436, 56.3469, 67.7554

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.



55.6757, 57.9745, 69.7532



55.7301, 57.9745, 56.9681



53.4667, 57.9745, 67.8583

Square

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



55.7301, 57.9745, 56.9681



52.9093, 57.9745, 61.3521



54.4807, 57.9745, 69.7089



57.3566, 57.9745, 64.9305

Rectangle

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



55.7301, 57.9745, 56.9681



53.8115, 57.9745, 57.8167



54.4807, 57.9745, 69.7089



56.4151, 57.9745, 68.7474

Sweetspot

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



55.7317, 57.9770, 56.9693



92.6350, 97.1019, 102.1393



54.7354, 54.3611, 61.6414



19.6922, 20.6205, 21.4848



0.0000, 0.0000, 0.0000



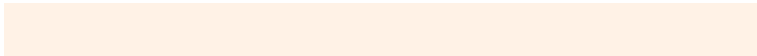
20.3446, 21.4041, 23.3091

Same Dimension

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



55.7317, 57.9770, 56.9693



87.2811, 90.6018, 87.3830



57.8631, 62.2399, 57.6798



12.2903, 12.7713, 12.4294



19.3974, 14.7277, 1.8204



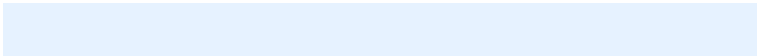
1.1639, 0.9822, 0.1282

Inverse Universe

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



53.0436, 56.3469, 67.7554



82.3477, 87.6101, 107.1780



51.0346, 52.3290, 67.0857



11.6448, 12.3799, 15.0195



10.2749, 9.1963, 38.4260



0.6539, 0.6729, 2.1750

Previews

White Background



This preview shows how the XYZ color 55.7301, 57.9745, 56.9681 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 55.7301, 57.9745, 56.9681 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

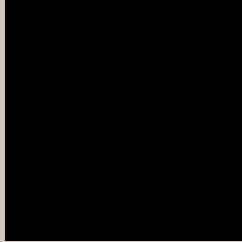
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

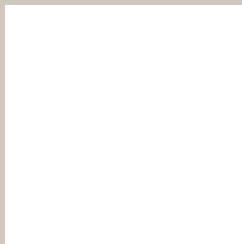
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.7301, 57.9745, 56.9681

Background



This preview shows how black text looks on a background with the XYZ color 55.7301, 57.9745, 56.9681.

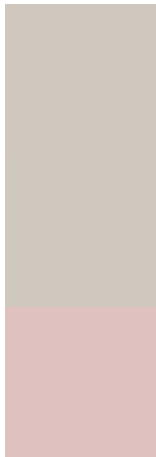


This preview shows how white text looks on a background with the XYZ color 55.7301, 57.9745,

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

55.7301, 57.9745, 56.9681

Protanopia

55.4021, 58.1481, 57.0189

Deuteranopia

59.1272, 58.0331, 57.3754



Tritanopia

58.3618, 58.0319, 69.7533

Trichromacy



Original Color

55.7301, 57.9745, 56.9681

Protanomaly

55.6807, 58.2917, 57.0319

Deuteranomaly

58.0573, 58.1469, 57.4537

Tritanomaly

57.3241, 57.9459, 64.6633

Monochromacy



Original Color

55.7301, 57.9745, 56.9681

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

55.6342, 58.1771, 61.1204

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.7301, 57.9745, 56.9681 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, 199, 190) looks like.

```
.text, #text, p{  
    color:rgb(208, 199, 190)  
}
```

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, 199, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 199, 190) }
```

Border

The CSS property to change the border of an element to XYZ 55.7301, 57.9745, 56.9681 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, 199, 190) }
```


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

```
.border{ border-color:rgb(208, 199, 190) }
```

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

Here you see how a box with a 4 pixel rgb(208, 199, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 199, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 199, 190);  
box-shadow:4px 4px 4px 4px rgb(208, 199,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 55.7301, 57.9745, 56.9681 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 199, 190) }
```

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

```
.background{ background-color: rgb(208,  
199, 190) }
```

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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