

Converting Colors

XYZ(53.9226, 56.7867, 50.2393)

Have a look what the booklet for
XYZ(53.9226, 56.7867, 50.2393)
contains.

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Color

**XYZ(53.9621, 56.8679,
50.2520)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | CFC6B2 |
| RGB | 207, 198, 178 |
| RGB Percent | 81%, 78%, 70% |
| CMY | 0.1882, 0.2235, 0.3020 |
| CMYK | 0.00, 0.04, 0.14, 0.19 |
| HSL | 41°, 23%, 75% |
| HSV | 41°, 14%, 81% |
| XYZ | 53.9621, 56.8679, 50.2520 |
| YIQ | 198.4110, 11.7840, -4.3120 |

Conversions

Conversions Part 2

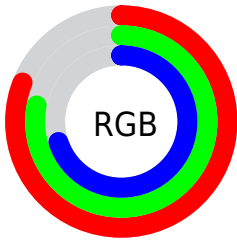
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 191, 207, 178 |
| Decimal | 13616818 |
| CIE _{Lab} | 80.11, -0.23, 11.14 |
| CIE _{LCh} | 80, 11.142, 91.172 |
| Yxy | 56.8679, 0.3350, 0.3530 |
| Android (android.graphics.Color) | 4291806898 (0xFFCFC6B2) |
| YUV | 198.4110, -10.0626, 7.5326 |
| Hunter-Lab | 75.4108, -4.2388, 13.2781 |

Details

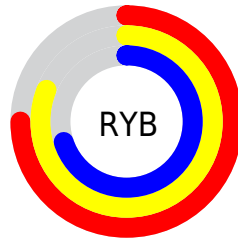
The XYZ color **53.9621, 56.8679, 50.2520** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.3928, 49.5097, 66.0905**, and the grayscale version is **53.9822, 56.7935, 61.8481**.

A 20% lighter version of the original color is **91.8513, 98.7205, 92.0558**, and **26.8118, 28.1995, 23.4319** is the 20% darker color. If you saturate the color by 10%, you get **50.6023, 53.2269, 39.6402**, and if you desaturate by 10%, it is **57.7009, 60.7639, 62.5388**.

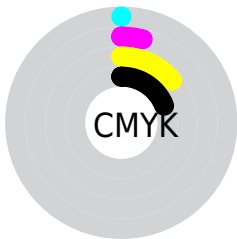
Distribution



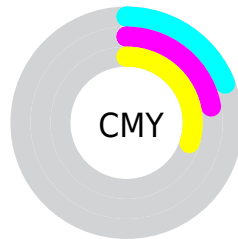
- Red (81%)
- Green (78%)
- Blue (70%)



- Red (75%)
- Yellow (81%)
- Blue (70%)



- Cyan (0%)
- Magenta (4%)
- Yellow (14%)
- Black (19%)



- Cyan (19%)
- Magenta (22%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.9621, 56.8679, 50.2520 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 53.9621, 56.8679, 50.2520 by changing the saturation by 10% instead.

■ 53.9621, 56.8679,
50.2520

■ 53.9621, 56.8679,
50.2520

392.1662,
412.9541, 404.4139

■ 38.8019, 40.8992,
35.2411

■ 95.1758, 100.2724,
91.9483

■ 26.7857, 28.2403,
23.5636

121.9601,
128.4770, 119.4707

■ 17.5481, 18.5069,
14.8010

153.3497,
161.5290, 152.0008

■ 10.7237, 11.3145,
8.5348

189.7101,
199.8128, 189.9570

■ 5.9473, 6.2788,
4.3464

231.4065,
243.7129, 233.7578

■ 2.8534, 3.0153,
1.8172

278.8045,

■ 1.0767, 1.1397,

293.6135, 283.8219

0.4393

332.2692,
349.8991, 340.5677

■ 0.0055, 0.0117,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 53.9621, 56.8679,
50.2520

■ 53.9621, 56.8679,
50.2520

■ 50.6023, 53.2269,
39.6402

■ 57.7009, 60.7639,
62.5388

■ 47.6021, 49.8262,
30.6258

■ 61.8279, 64.9141,
76.5665

■ 44.9473, 46.6607,
23.1304

■ 66.3579, 69.3273,
92.4015

■ 42.6205, 43.7223,
17.0674

■ 70.3548, 73.6305,
105.1118

40.6031, 41.0023,
12.3417

72.1102, 77.1413,
105.6969

38.8739, 38.4907,
8.8462

73.9315, 80.7838,
106.3040

37.4087, 36.1767,
6.4574

75.8192, 84.5593,
106.9332

36.1782, 34.0470,
5.0258

77.7742, 88.4693,
107.5849

35.5230, 32.8468,
4.4678

79.5424, 92.0055,
108.1743

Harmonies

Analogous

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



56.1817, 56.8679, 51.6086



53.9621, 56.8679, 50.2520



51.8250, 56.8679, 51.8352

Triad

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



53.9621, 56.8679, 50.2520



50.4047, 56.8679, 68.6124



57.9629, 56.8679, 68.1398

Complementary

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



53.9621, 56.8679, 50.2520



47.3928, 49.5097, 66.0905

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.



56.3403, 56.8679, 73.2336



53.9621, 56.8679, 50.2520



51.9754, 56.8679, 73.5196

Square

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



53.9621, 56.8679, 50.2520



49.8069, 56.8679, 62.1752



54.1405, 56.8679, 75.2661



58.5301, 56.8679, 61.6644

Rectangle

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



53.9621, 56.8679, 50.2520



50.7242, 56.8679, 54.4134



54.1405, 56.8679, 75.2661



57.5206, 56.8679, 70.0859

Sweetspot

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



53.9636, 56.8704, 50.2532



92.4498, 97.3581, 100.1456



50.6425, 48.7027, 53.8488



19.6858, 20.7339, 21.0939



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.



53.9636, 56.8704, 50.2532



84.6987, 89.2340, 74.8159



54.6208, 60.3530, 50.8908



12.4811, 13.1530, 12.4930



22.4684, 20.8698, 2.8441



1.3252, 1.3046, 0.1820

Inverse Universe

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



47.3928, 49.5097, 66.0905



72.0522, 75.0682, 105.2998



46.7875, 46.4528, 65.5323



11.4586, 12.0074, 14.9574



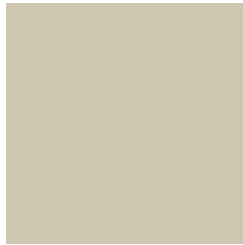
8.3332, 5.3129, 37.7788



0.5363, 0.4378, 2.1358

Previews

White Background



This preview shows how the XYZ color 53.9621, 56.8679, 50.2520 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 53.9621, 56.8679, 50.2520 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

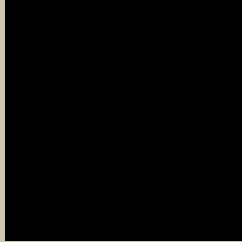
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.9621, 56.8679, 50.2520

Background



This preview shows how black text looks on a background with the XYZ color 53.9621, 56.8679, 50.2520.

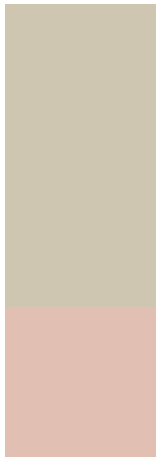


This preview shows how white text looks on a background with the XYZ color 53.9621, 56.8679,

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

53.9621, 56.8679, 50.2520

Protanopia

53.9621, 56.8679, 50.2520

Deuteranopia

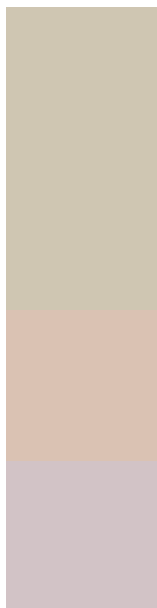
58.0377, 56.9615, 50.5836



Tritanopia

57.6644, 57.0359, 68.2914

Trichromacy



Original Color

53.9621, 56.8679, 50.2520

Protanomaly

53.9621, 56.8679, 50.2520

Deuteranomaly

56.3419, 56.7437, 50.6309

Tritanomaly

56.2865, 56.8091, 61.4247

Monochromacy



Original Color

53.9621, 56.8679, 50.2520

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

53.6854, 56.5673, 57.3793

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.9621, 56.8679, 50.2520 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(207, 198, 178)` looks like.

```
.text, #text, p{  
    color:rgb(207, 198, 178)  
}
```

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(207, 198, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 198, 178) }
```

Border

The CSS property to change the border of an element to XYZ 53.9621, 56.8679, 50.2520 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(207, 198, 178) }
```


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

```
.border{ border-color:rgb(207, 198, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 198, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 198, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 198, 178);  
box-shadow:4px 4px 4px 4px rgb(207, 198,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 53.9621, 56.8679, 50.2520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 198, 178) }
```

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

```
.background{ background-color: rgb(207,  
198, 178) }
```

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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