

Converting Colors

XYZ(53.1617, 56.8188, 49.2395)

Have a look what the booklet for
XYZ(53.1617, 56.8188, 49.2395)
contains.

XYZ(53.1617, 56.8188, 49.2395)	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(53.1617, 56.8188,
49.2395)**

Conversions

Conversions Part 1

Format	Color
Hex	CCC7B0
RGB	204, 199, 176
RGB Percent	80%, 78%, 69%
CMY	0.2000, 0.2196, 0.3098
CMYK	0.00, 0.02, 0.14, 0.20
HSL	49°, 22%, 75%
HSV	49°, 14%, 80%
XYZ	53.1617, 56.8188, 49.2395
YIQ	197.8730, 10.3630, -6.0930

Conversions

Conversions Part 2

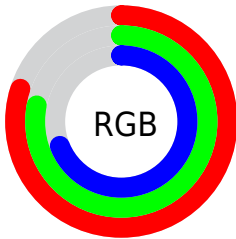
Format	Color
RYB	182, 204, 176
Decimal	13420464
CIELab	80.08, -2.17, 12.14
CIELCh	80, 12.329, 100.118
Yxy	56.8188, 0.3339, 0.3569
Android (android.graphics.Color)	4291610544 (0xFFCCC7B0)
YUV	197.8730, -10.7834, 5.3734
Hunter-Lab	75.3782, -6.0220, 14.0346

Details

The XYZ color **53.1617, 56.8188, 49.2395** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **45.3273, 46.6365, 63.7399**, and the grayscale version is **53.6596, 56.4541, 61.4785**.

A 20% lighter version of the original color is **91.5655, 98.6062, 90.5508**, and **26.2782, 28.1649, 22.7902** is the 20% darker color. If you saturate the color by 10%, you get **50.4661, 54.4184, 39.1198**, and if you desaturate by 10%, it is **56.1837, 59.3856, 60.9659**.

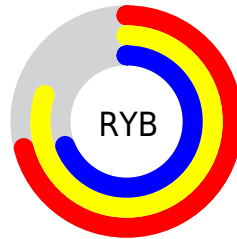
Distribution



Red (80%)

Green (78%)

Blue (69%)



Red (71%)

Yellow (80%)

Blue (69%)

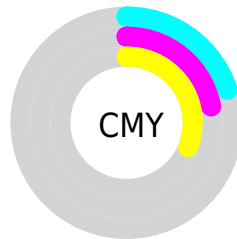


Cyan (0%)

Magenta (2%)

Yellow (14%)

Black (20%)



Cyan (20%)


Magenta (22%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.1617, 56.8188, 49.2395 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 53.1617, 56.8188, 49.2395 by changing the saturation by 10% instead.


 53.1617, 56.8188,
49.2395

 53.1617, 56.8188,
49.2395


389.1559,
412.7700, 400.3340

 38.1599, 40.8598,
34.4426


 94.0064, 100.2007,
90.4317

 26.2846, 28.2095,
22.9537


120.5800,
128.3925, 117.6641

 17.1704, 18.4837,
14.3543


151.7415,
161.4305, 149.8787

 10.4521, 11.2978,
8.2260

187.8563,
199.6993, 187.4941

 5.7643, 6.2675,
4.1500

229.2898,
243.5833, 230.9287

 2.7416, 3.0084,
1.7080

276.4074,

 1.0186, 1.1361,

293.4668, 280.6012

0.3662

329.5743,
349.7342, 336.9301

■ 0.0000, 0.0086,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 53.1617, 56.8188,
49.2395

■ 53.1617, 56.8188,
49.2395

■ 50.4661, 54.4184,
39.1198

■ 56.1837, 59.3856,
60.9659

■ 48.0788, 52.1713,
30.5322

■ 59.5405, 62.1166,
74.3621

■ 45.9867, 50.0739,
23.4013

■ 63.2455, 65.0195,
89.4920

■ 44.1738, 48.1195,
17.6441

■ 66.8884, 67.9301,
104.1942

■ 42.6226, 46.3010,
13.1693

■ 67.8174, 69.7882,
104.5039

■ 41.3137, 44.6103,
9.8743

■ 68.7671, 71.6877,
104.8204

■ 40.2242, 43.0381,
7.6408

■ 69.7377, 73.6288,
105.1439

■ 39.3270, 41.5733,
6.3258

■ 70.7292, 75.6118,
105.4745

■ 38.8316, 40.6966,
5.8086

■ 71.7418, 77.6370,
105.8120

Harmonies

Analogous

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



55.6616, 56.8188, 49.7640



53.1617, 56.8188, 49.2395



50.9559, 56.8188, 51.8924

Triad

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



53.1617, 56.8188, 49.2395



50.3995, 56.8188, 71.2004



58.6684, 56.8188, 66.6837

Complementary

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



53.1617, 56.8188, 49.2395



45.3273, 46.6365, 63.7399

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.



57.1724, 56.8188, 73.0420



53.1617, 56.8188, 49.2395



52.3808, 56.8188, 75.7863

Square

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



53.1617, 56.8188, 49.2395



49.3942, 56.8188, 64.3244



54.8563, 56.8188, 76.4852



58.8933, 56.8188, 59.4710

Rectangle

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



53.1617, 56.8188, 49.2395



49.9296, 56.8188, 55.2359



54.8563, 56.8188, 76.4852



58.2954, 56.8188, 69.0065

Sweetspot

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



53.1632, 56.8213, 49.2407



92.8731, 98.2047, 100.2867



48.7820, 47.2305, 50.3339



19.7932, 20.9487, 21.1297



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.



53.1632, 56.8213, 49.2407



86.8847, 93.0884, 77.1409



51.9700, 57.9407, 49.5197



11.9770, 12.7429, 11.9078



24.5027, 25.7384, 3.6766



1.3098, 1.4192, 0.2049

Inverse Universe

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



45.3273, 46.6365, 63.7399



71.8232, 73.5127, 105.0116



46.4005, 45.7088, 63.5042



10.7609, 11.1623, 14.1577



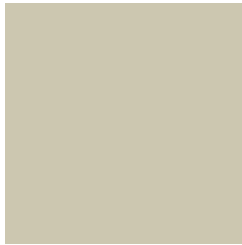
7.3135, 3.6511, 36.2755



0.4280, 0.2897, 1.8883

Previews

White Background



This preview shows how the XYZ color 53.1617, 56.8188, 49.2395 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 53.1617, 56.8188, 49.2395 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

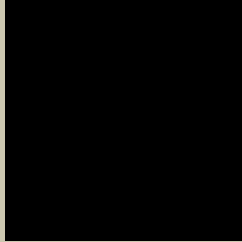
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

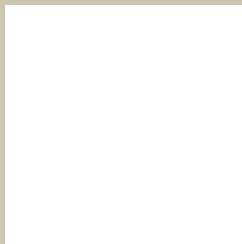
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.1617, 56.8188, 49.2395

Background



This preview shows how black text looks on a background with the XYZ color 53.1617, 56.8188, 49.2395.



This preview shows how white text looks on a background with the XYZ color 53.1617, 56.8188,

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

53.1617, 56.8188, 49.2395

Protanopia

53.6641, 56.7487, 48.6826

Deuteranopia

57.7180, 56.4835, 49.9798



Tritanopia

57.0949, 56.7423, 68.2647

Trichromacy



Original Color

53.1617, 56.8188, 49.2395

Protanomaly

53.3855, 56.6051, 48.6696

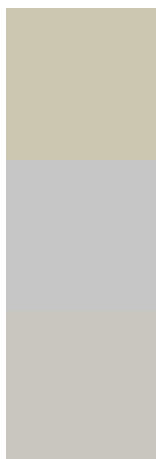
Deuteranomaly

55.8429, 56.5096, 49.5592

Tritanomaly

55.5501, 56.7765, 60.8545

Monochromacy



Original Color

53.1617, 56.8188, 49.2395

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

53.3078, 56.3852, 56.7890

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.1617, 56.8188, 49.2395 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(204, 199, 176)` looks like.

```
.text, #text, p{  
    color:rgb(204, 199, 176)  
}
```

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(204, 199, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 199, 176) }
```

Border

The CSS property to change the border of an element to XYZ 53.1617, 56.8188, 49.2395 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(204, 199, 176) }
```


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

```
.border{ border-color:rgb(204, 199, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 199, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 199, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 199, 176);  
box-shadow:4px 4px 4px 4px rgb(204, 199,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 53.1617, 56.8188, 49.2395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 199, 176) }
```

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

```
.background{ background-color: rgb(204,  
199, 176) }
```

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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