

Converting Colors

XYZ(54.3628, 59.7785, 38.3789)

Have a look what the booklet for
XYZ(54.3628, 59.7785, 38.3789)
contains.

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Color

**XYZ(54.3628, 59.7785,
38.3789)**

Conversions

Conversions Part 1

Format	Color
Hex	D3CD98
RGB	211, 205, 152
RGB Percent	83%, 80%, 60%
CMY	0.1725, 0.1961, 0.4039
CMYK	0.00, 0.03, 0.28, 0.17
HSL	54°, 40%, 71%
HSV	54°, 28%, 83%
XYZ	54.3628, 59.7785, 38.3789
YIQ	200.7520, 20.5890, -15.2110

Conversions

Conversions Part 2

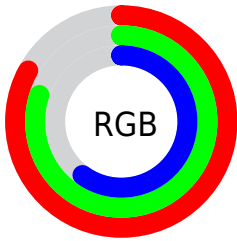
Format	Color
R_{YB}	159, 211, 152
Decimal	13880728
CIE _{Lab}	81.72, -6.16, 27.20
CIE _{LCh}	82, 27.889, 102.751
Yxy	59.7785, 0.3564, 0.3919
Android (android.graphics.Color)	4292070808 (0xFFD3CD98)
YUV	200.7520, -24.0347, 8.9875
Hunter-Lab	77.3166, -9.7971, 24.6908

Details

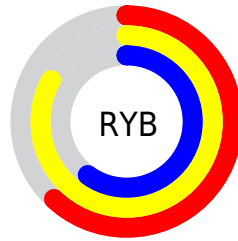
The XYZ color **54.3628, 59.7785, 38.3789** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **36.9335, 35.8314, 66.5978**, and the grayscale version is **55.5002, 58.3905, 63.5873**.

A 20% lighter version of the original color is **88.2625, 97.2850, 73.1574**, and **27.1259, 30.1407, 16.7000** is the 20% darker color. If you saturate the color by 10%, you get **52.2774, 58.1313, 29.9030**, and if you desaturate by 10%, it is **56.7658, 61.5681, 48.4788**.

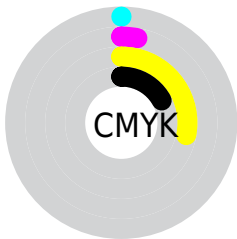
Distribution



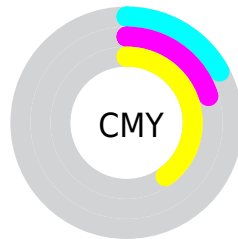
- Red (83%)
- Green (80%)
- Blue (60%)



- Red (62%)
- Yellow (83%)
- Blue (60%)



- Cyan (0%)
- Magenta (3%)
- Yellow (28%)
- Black (17%)



- Cyan (17%)
- Magenta (20%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.3628, 59.7785, 38.3789 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 54.3628, 59.7785, 38.3789 by changing the saturation by 10% instead.

■ 54.3628, 59.7785,
38.3789

■ 54.3628, 59.7785,
38.3789

393.6678,
423.7808, 354.5894

■ 39.1236, 43.2401,
25.9728

■ 95.7605, 104.5083,
73.8984

■ 27.0371, 30.0736,
16.5777

■ 122.6497,
133.4685, 97.8488

■ 17.7378, 19.8944,
9.7751

154.1530,
167.3381, 126.4845

■ 10.8604, 12.3183,
5.1464

190.6357,
206.5015, 160.2238

■ 6.0397, 6.9609,
2.2732

232.4632,
251.3431, 199.4854

■ 2.9101, 3.4376,
0.7161

280.0008,

■ 1.1064, 1.3643,

302.2472, 244.6879

0.0000

333.6139,
359.5983, 296.2497

■ 0.0305, 0.1902,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.3628, 59.7785,
38.3789

■ 54.3628, 59.7785,
38.3789

■ 52.2774, 58.1313,
29.9030

■ 56.7658, 61.5681,
48.4788

■ 50.4886, 56.6120,
22.9615

■ 59.4969, 63.4981,
60.2784

■ 48.9801, 55.2159,
17.4619

■ 62.5718, 65.5770,
73.8533

■ 47.7322, 53.9352,
13.3001

■ 66.0037, 67.8101,
89.2733

■ 46.7225, 52.7607,
10.3582

■ 69.3997, 70.0402,
104.4691

■ 45.9245, 51.6821,
8.4977

■ 69.9517, 71.1442,
104.6531

■ 45.3004, 50.6839,
7.5189

■ 70.5109, 72.2626,
104.8395

■ 45.1823, 50.4854,
7.3633

■ 71.0773, 73.3954,
105.0283

■ 71.6510, 74.5427,
105.2195

Harmonies

Analogous

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



60.2304, 59.7785, 38.8424



54.3628, 59.7785, 38.3789



49.4956, 59.7785, 44.1219

Triad

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



54.3628, 59.7785, 38.3789



48.9266, 59.7785, 89.5877



68.2922, 59.7785, 75.1510

Complementary

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



54.3628, 59.7785, 38.3789



36.9335, 35.8314, 66.5978

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.



64.8284, 59.7785, 91.8253



54.3628, 59.7785, 38.3789



53.5364, 59.7785, 101.0950

Square

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



54.3628, 59.7785, 38.3789



46.5054, 59.7785, 72.4868



59.3454, 59.7785, 101.9779



68.5517, 59.7785, 58.2118

Rectangle

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



54.3628, 59.7785, 38.3789



47.3630, 59.7785, 51.3828



59.3454, 59.7785, 101.9779



67.4536, 59.7785, 81.0376

Sweetspot

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



54.3643, 59.7812, 38.3802



91.2799, 97.4396, 92.2914



44.3406, 38.8052, 37.9017



19.3942, 20.7566, 19.1286



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.



54.3643, 59.7812, 38.3802



81.3495, 90.1256, 50.3009



49.7959, 59.5960, 38.5852



12.6965, 13.5837, 12.5648



27.3110, 30.5549, 4.4582



1.5574, 1.7690, 0.2594

Inverse Universe

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



36.9335, 35.8314, 66.5978



50.0063, 47.0655, 101.0567



40.5800, 36.2300, 66.4826



11.2590, 11.6082, 14.8909



7.2979, 3.2424, 37.4337



0.4418, 0.2487, 2.1043

Previews

White Background



This preview shows how the XYZ color 54.3628, 59.7785, 38.3789 looks on a white background.

Color Contrast Check

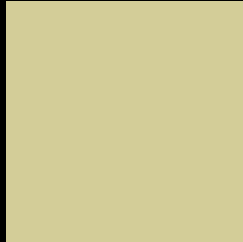
Large Text (above 18pt) WCAG AA × Fail

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 54.3628, 59.7785, 38.3789 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

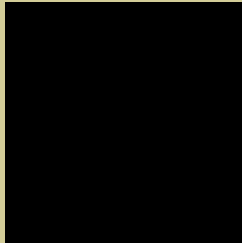
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.3628, 59.7785, 38.3789

Background



This preview shows how black text looks on a background with the XYZ color 54.3628, 59.7785, 38.3789.



This preview shows how white text looks on a background with the XYZ color 54.3628, 59.7785,

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

54.3628, 59.7785, 38.3789

Protanopia

55.8553, 59.8517, 37.8868

Deuteranopia

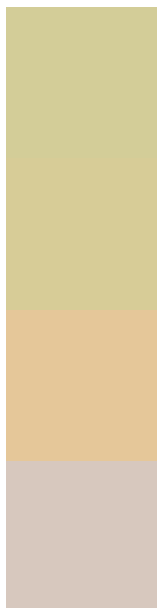
60.9444, 59.7140, 38.8857



Tritanopia

60.7634, 59.5914, 70.5871

Trichromacy



Original Color

54.3628, 59.7785, 38.3789

Protanomaly

55.2031, 59.8672, 37.9242

Deuteranomaly

58.4863, 59.8048, 38.5979

Tritanomaly

57.9729, 59.4733, 57.1392

Monochromacy



Original Color

54.3628, 59.7785, 38.3789

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

54.8446, 58.6391, 53.2276

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.3628, 59.7785, 38.3789 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(211, 205, 152)` looks like.

```
.text, #text, p{  
    color:rgb(211, 205, 152)  
}
```

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(211, 205, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 205, 152) }
```

Border

The CSS property to change the border of an element to XYZ 54.3628, 59.7785, 38.3789 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(211, 205, 152) }
```


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

```
.border{ border-color:rgb(211, 205, 152) }
```

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

Here you see how a box with a 4 pixel rgb(211, 205, 152) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 205, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 205, 152);  
box-shadow:4px 4px 4px 4px rgb(211, 205,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 54.3628, 59.7785, 38.3789 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 205, 152) }
```

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

```
.background{ background-color: rgb(211,  
205, 152) }
```

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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