

Converting Colors

XYZ(53.7442, 58.5742, 44.1737)

Have a look what the booklet for
XYZ(53.7442, 58.5742, 44.1737)
contains.

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Color

**XYZ(53.8796, 58.6939,
44.0866)**

Conversions

Conversions Part 1

Format	Color
Hex	CFCBA5
RGB	207, 203, 165
RGB Percent	81%, 80%, 65%
CMY	0.1882, 0.2039, 0.3529
CMYK	0.00, 0.02, 0.20, 0.19
HSL	54°, 30%, 73%
HSV	54°, 20%, 81%
XYZ	53.8796, 58.6939, 44.0866
YIQ	199.8640, 14.5820, -10.9700

Conversions

Conversions Part 2

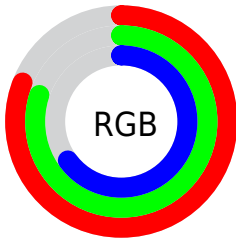
Format	Color
RYB	169, 207, 165
Decimal	13618085
CIELab	81.12, -4.83, 19.49
CIELCh	81, 20.082, 103.906
Yxy	58.6939, 0.3439, 0.3747
Android (android.graphics.Color)	4291808165 (0xFFCFCBA5)
YUV	199.8640, -17.1880, 6.2583
Hunter-Lab	76.6119, -8.5355, 19.5097

Details

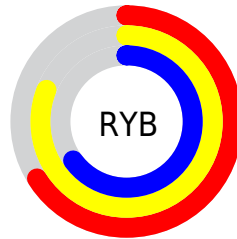
The XYZ color **53.8796, 58.6939, 44.0866** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **40.9674, 40.8793, 64.7631**, and the grayscale version is **54.9135, 57.7732, 62.9151**.

A 20% lighter version of the original color is **89.9183, 97.9473, 81.8767**, and **26.6770, 29.3625, 19.8843** is the 20% darker color. If you saturate the color by 10%, you get **51.6845, 57.0785, 34.7998**, and if you desaturate by 10%, it is **56.3887, 60.4484, 54.9840**.

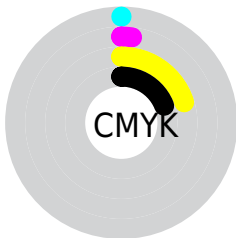
Distribution



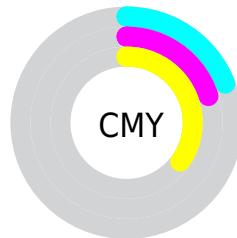
- Red (81%)
- Green (80%)
- Blue (65%)



- Red (66%)
- Yellow (81%)
- Blue (65%)



- Cyan (0%)
- Magenta (2%)
- Yellow (20%)
- Black (19%)





- Cyan (19%)
- Magenta (20%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.8796, 58.6939, 44.0866 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 53.8796, 58.6939, 44.0866 by changing the saturation by 10% instead.


 53.8796, 58.6939,
44.0866


 53.8796, 58.6939,
44.0866


391.8566,
419.7666, 379.1132

 38.7357, 42.3668,
30.4009


 95.0554, 102.9326,
82.6519

 26.7340, 29.3886,
19.8885


 121.8180,
131.6130, 108.3686

 17.5091, 19.3750,
12.1307

153.1841,
165.1800, 138.9327

 10.6957, 11.9415,
6.7091

189.5193,
204.0179, 174.7627

 5.9284, 6.7039,
3.2052

231.1887,
248.5111, 216.2773

 2.8418, 3.2776,
1.2003

278.5579,

 1.0707, 1.2783,

299.0440, 263.8948

0.0000

331.9920,
356.0010, 318.0340

■ 0.0004, 0.1243,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 53.8796, 58.6939,
44.0866

■ 53.8796, 58.6939,
44.0866

■ 51.6845, 57.0785,
34.7998

■ 56.3887, 60.4484,
54.9840

■ 49.7841, 55.5883,
27.0427

■ 59.2209, 62.3396,
67.5602

■ 48.1640, 54.2197,
20.7330

■ 62.3905, 64.3753,
81.8841

■ 46.8069, 52.9657,
15.7793

■ 65.9097, 66.5603,
98.0195

■ 45.6934, 51.8183,
12.0797

■ 67.5391, 67.9990,
104.1732

■ 44.8014, 50.7689,
9.5178

■ 68.0369, 68.9948,
104.3391

■ 44.1047, 49.8068,
7.9557

■ 68.5408, 70.0026,
104.5071

■ 43.5682, 48.9374,
7.1496

■ 69.0508, 71.0225,
104.6771

■ 69.5668, 72.0546,
104.8491

Harmonies

Analogous

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



58.0421, 58.6939, 44.2643



53.8796, 58.6939, 44.0866



50.4026, 58.6939, 48.7323

Triad

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



53.8796, 58.6939, 44.0866



50.2002, 58.6939, 81.2148



63.8613, 58.6939, 70.4959

Complementary

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



53.8796, 58.6939, 44.0866



40.9674, 40.8793, 64.7631

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.



61.5414, 58.6939, 81.9457



53.8796, 58.6939, 44.0866



53.5907, 58.6939, 88.6418

Square

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



53.8796, 58.6939, 44.0866



48.3511, 58.6939, 69.5940



57.7385, 58.6939, 88.9249



63.9482, 58.6939, 58.5399

Rectangle

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



53.8796, 58.6939, 44.0866



48.8831, 58.6939, 54.3186



57.7385, 58.6939, 88.9249



63.3117, 58.6939, 74.5637

Sweetspot

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



53.8811, 58.6965, 44.0878



92.2211, 98.1283, 96.2847



46.3681, 43.0485, 43.5007



19.6757, 20.9610, 20.3281



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.



53.8811, 58.6965, 44.0878



84.8859, 93.0076, 64.3996



50.3901, 58.3156, 44.1983



12.7033, 13.5973, 12.5670



27.4878, 30.9085, 4.5172



1.5655, 1.7854, 0.2621

Inverse Universe

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



40.9674, 40.8793, 64.7631



60.8136, 59.7965, 102.9444



43.9625, 41.3368, 64.6935



11.2529, 11.5960, 14.8888



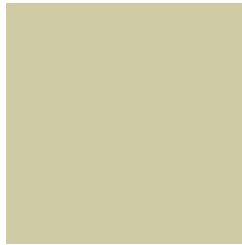
7.2813, 3.2092, 37.4282



0.4389, 0.2430, 2.1033

Previews

White Background



This preview shows how the XYZ color 53.8796, 58.6939, 44.0866 looks on a white background.

Color Contrast Check

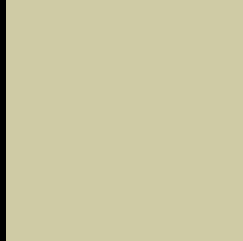
Large Text (above 18pt) WCAG AA × Fail

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 53.8796, 58.6939, 44.0866 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

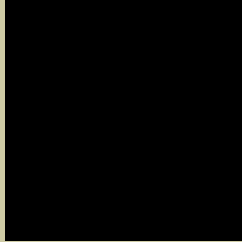
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

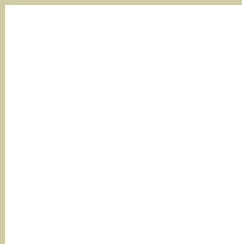
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.8796, 58.6939, 44.0866

Background



This preview shows how black text looks on a background with the XYZ color 53.8796, 58.6939, 44.0866.



This preview shows how white text looks on a background with the XYZ color 53.8796, 58.6939,

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

53.8796, 58.6939, 44.0866

Protanopia

55.0281, 58.5998, 43.5326

Deuteranopia

59.8711, 58.6972, 44.7334



Tritanopia

59.2905, 58.8321, 70.5181

Trichromacy



Original Color

53.8796, 58.6939, 44.0866

Protanomaly

54.6853, 58.7703, 43.5835

Deuteranomaly

57.5897, 58.5330, 44.3391

Tritanomaly

57.1377, 58.6359, 59.9361

Monochromacy



Original Color

53.8796, 58.6939, 44.0866

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

54.4849, 58.0577, 55.3483

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.8796, 58.6939, 44.0866 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, 203, 165)` looks like.

```
.text, #text, p{  
    color:rgb(207, 203, 165)  
}
```

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, 203, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 203, 165) }
```

Border

The CSS property to change the border of an element to XYZ 53.8796, 58.6939, 44.0866 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, 203, 165) }
```


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

```
.border{ border-color:rgb(207, 203, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 203, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 203, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 203, 165);  
box-shadow:4px 4px 4px 4px rgb(207, 203,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 53.8796, 58.6939, 44.0866 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 203, 165) }
```

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

```
.background{ background-color: rgb(207,  
203, 165) }
```

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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