

Converting Colors

XYZ(53.8387, 58.1286, 44.5477)

Have a look what the booklet for
XYZ(53.8387, 58.1286, 44.5477)
contains.

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Color

**XYZ(53.7820, 57.9364,
44.4246)**

Conversions

Conversions Part 1

Format	Color
Hex	D0C9A6
RGB	208, 201, 166
RGB Percent	82%, 79%, 65%
CMY	0.1843, 0.2117, 0.3490
CMYK	0.00, 0.03, 0.20, 0.18
HSL	50°, 31%, 73%
HSV	50°, 20%, 82%
XYZ	53.7820, 57.9364, 44.4246
YIQ	199.1030, 15.4070, -9.4010

Conversions

Conversions Part 2

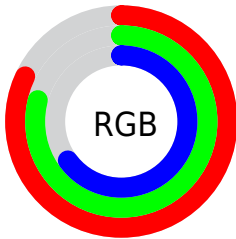
Format	Color
RYB	174, 208, 166
Decimal	13683110
CIELab	80.70, -3.27, 18.39
CIElCh	81, 18.680, 100.073
Yxy	57.9364, 0.3444, 0.3710
Android (android.graphics.Color)	4291873190 (0xFFD0C9A6)
YUV	199.1030, -16.3198, 7.8027
Hunter-Lab	76.1160, -7.0784, 18.6769

Details

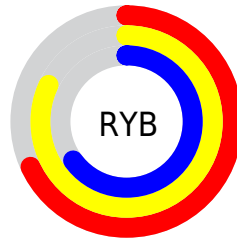
The XYZ color **53.7820, 57.9364, 44.4246** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **42.0544, 42.5471, 65.6707**, and the grayscale version is **54.4406, 57.2757, 62.3733**.

A 20% lighter version of the original color is **90.0511, 98.0005, 82.5764**, and **26.6079, 28.8546, 20.0867** is the 20% darker color. If you saturate the color by 10%, you get **51.2283, 55.6392, 34.9091**, and if you desaturate by 10%, it is **56.6656, 60.3987, 55.5740**.

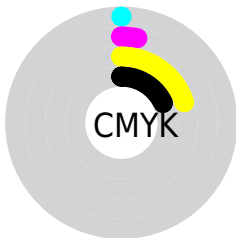
Distribution



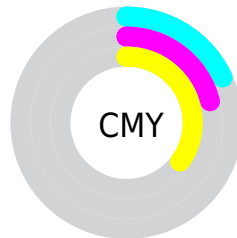
- Red (82%)
- Green (79%)
- Blue (65%)



- Red (68%)
- Yellow (82%)
- Blue (65%)



- Cyan (0%)
- Magenta (3%)
- Yellow (20%)
- Black (18%)





- Cyan (18%)
- Magenta (21%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.7820, 57.9364, 44.4246 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 53.7820, 57.9364, 44.4246 by changing the saturation by 10% instead.


 53.7820, 57.9364,
44.4246


 53.7820, 57.9364,
44.4246


391.4901,
416.9489, 380.5301

 38.6574, 41.7575,
30.6648


 94.9129, 101.8302,
83.1656

 26.6728, 28.9115,
20.0874


 121.6498,
130.3140, 108.9838

 17.4630, 19.0139,
12.2739


152.9882,
163.6681, 139.6586

 10.6625, 11.6803,
6.8057

189.2935,
202.2771, 175.6085

 5.9060, 6.5264,
3.2643

230.9310,
246.5253, 217.2521

 2.8281, 3.1677,
1.2311

278.2660,

 1.0635, 1.2199,

296.7970, 265.0079

0.0043

331.6639,
353.4768, 319.2943

■ 0.0000, 0.0779,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 53.7820, 57.9364,
44.4246

■ 53.7820, 57.9364,
44.4246

■ 51.2283, 55.6392,
34.9091

■ 56.6656, 60.3987,
55.5740

■ 48.9850, 53.4931,
26.9456

■ 59.8886, 63.0240,
68.4263

■ 47.0374, 51.4941,
20.4510

■ 63.4654, 65.8205,
83.0512

■ 45.3680, 49.6349,
15.3328

■ 67.4084, 68.7931,
99.5132

■ 43.9569, 47.9075,
11.4879

■ 69.2188, 70.9425,
104.6528

■ 42.7819, 46.3026,
8.7987

■ 70.1284, 72.7617,
104.9560

■ 41.8162, 44.8095,
7.1259

■ 71.0569, 74.6187,
105.2655

■ 41.0247, 43.4343,
6.2214

■ 72.0044, 76.5138,
105.5813

■ 72.9711, 78.4470,
105.9035

Harmonies

Analogous

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



57.6288, 57.9364, 45.1749



53.7820, 57.9364, 44.4246



50.4368, 57.9364, 48.2089

Triad

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



53.7820, 57.9364, 44.4246



49.5935, 57.9364, 77.7411



62.3245, 57.9364, 70.5889

Complementary

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



53.7820, 57.9364, 44.4246



42.0544, 42.5471, 65.6707

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.



59.9718, 57.9364, 80.7391



53.7820, 57.9364, 44.4246



52.5819, 57.9364, 85.1902

Square

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



53.7820, 57.9364, 44.4246



48.0942, 57.9364, 66.8646



56.3719, 57.9364, 86.3471



62.6827, 57.9364, 59.4465

Rectangle

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



53.7820, 57.9364, 44.4246



48.8964, 57.9364, 53.0849



56.3719, 57.9364, 86.3471



61.7357, 57.9364, 74.2634

Sweetspot

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



53.7835, 57.9390, 44.4258



91.8761, 97.4383, 96.1697



47.1920, 43.7002, 45.4836



19.5939, 20.7974, 20.3008



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.



53.7835, 57.9390, 44.4258



83.5492, 90.3341, 63.9540



51.6874, 59.3346, 44.8057



12.6289, 13.4484, 12.5422



25.6298, 27.1927, 3.8979



1.4787, 1.6116, 0.2331

Inverse Universe

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



42.0544, 42.5471, 65.6707



61.8381, 61.8453, 103.2859



43.8444, 41.5306, 65.3801



11.3205, 11.7313, 14.9114



7.5119, 3.6703, 37.5050



0.4705, 0.3062, 2.1139

Previews

White Background



This preview shows how the XYZ color 53.7820, 57.9364, 44.4246 looks on a white background.

Color Contrast Check

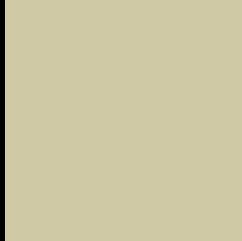
Large Text (above 18pt) WCAG AA × Fail

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 53.7820, 57.9364, 44.4246 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

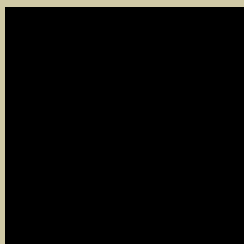
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

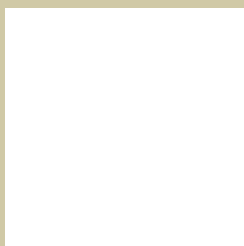
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.7820, 57.9364, 44.4246

Background



This preview shows how black text looks on a background with the XYZ color 53.7820, 57.9364, 44.4246.



This preview shows how white text looks on a background with the XYZ color 53.7820, 57.9364,

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

53.7820, 57.9364, 44.4246

Protanopia

54.5972, 58.0222, 43.9191

Deuteranopia

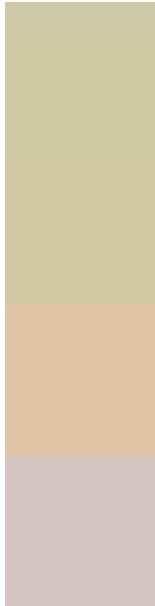
59.0928, 57.9560, 45.1179



Tritanopia

58.8795, 57.9795, 69.0606

Trichromacy



Original Color

53.7820, 57.9364, 44.4246

Protanomaly

54.3098, 57.8740, 43.9057

Deuteranomaly

57.1464, 57.9579, 44.7343

Tritanomaly

56.8552, 57.8246, 59.2036

Monochromacy



Original Color

53.7820, 57.9364, 44.4246

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

53.9810, 57.4530, 55.2581

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.7820, 57.9364, 44.4246 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, 201, 166)` looks like.

```
.text, #text, p{  
    color:rgb(208, 201, 166)  
}
```

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, 201, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 201, 166) }
```

Border

The CSS property to change the border of an element to XYZ 53.7820, 57.9364, 44.4246 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, 201, 166) }
```


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

```
.border{ border-color:rgb(208, 201, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 201, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 201, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 201, 166);  
box-shadow:4px 4px 4px 4px rgb(208, 201,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 53.7820, 57.9364, 44.4246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 201, 166) }
```

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

```
.background{ background-color: rgb(208,  
201, 166) }
```

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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