

Converting Colors

XYZ(51.5457, 57.2108, 40.8562)

Have a look what the booklet for
XYZ(51.5457, 57.2108, 40.8562)
contains.

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Color

**XYZ(51.3795, 57.1272,
40.6664)**

Conversions

Conversions Part 1

Format	Color
Hex	C9CA9E
RGB	201, 202, 158
RGB Percent	79%, 79%, 62%
CMY	0.2118, 0.2078, 0.3804
CMYK	0.00, 0.00, 0.22, 0.21
HSL	61°, 29%, 71%
HSV	61°, 22%, 79%
XYZ	51.3795, 57.1272, 40.6664
YIQ	196.6850, 13.5280, -13.8960

Conversions

Conversions Part 2

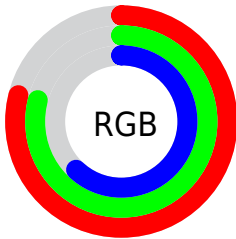
Format	Color
RYB	158, 202, 159
Decimal	13224606
CIELab	80.25, -7.57, 21.92
CIELCh	80, 23.190, 109.052
Yxy	57.1272, 0.3444, 0.3830
Android (android.graphics.Color)	4291414686 (0xFFC9CA9E)
YUV	196.6850, -19.0717, 3.7843
Hunter-Lab	75.5825, -10.9287, 21.0074

Details

The XYZ color **51.3795, 57.1272, 40.6664** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **37.1878, 36.0904, 60.8864**, and the grayscale version is **52.9878, 55.7473, 60.7088**.

A 20% lighter version of the original color is **89.0102, 97.5841, 77.0951**, and **25.2240, 28.4235, 17.7925** is the 20% darker color. If you saturate the color by 10%, you get **49.6585, 56.4265, 32.2435**, and if you desaturate by 10%, it is **53.3897, 57.9476, 50.5971**.

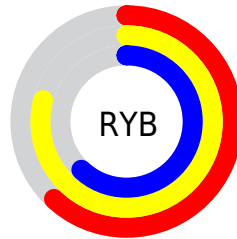
Distribution



Red (79%)

Green (79%)

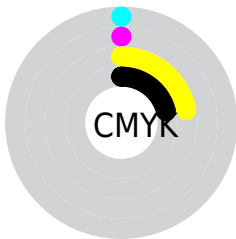
Blue (62%)



Red (62%)

Yellow (79%)

Blue (62%)

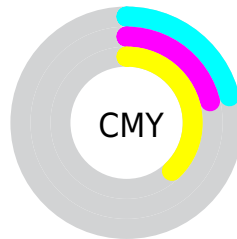


Cyan (0%)

Magenta (0%)

Yellow (22%)

Black (21%)



Cyan (21%)


Magenta (21%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.3795, 57.1272, 40.6664 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 51.3795, 57.1272, 40.6664 by changing the saturation by 10% instead.


 51.3795, 57.1272,
40.6664


 51.3795, 57.1272,
40.6664


382.3998,
413.9258, 364.5597

 36.7330, 41.1074,
27.7408


 91.3951, 100.6508,
77.4254

 25.1736, 28.4030,
17.8930


 117.4950,
128.9233, 102.0958

 16.3358, 18.6297,
10.7046


148.1433,
162.0488, 131.5183

 9.8545, 11.4030,
5.7569

183.7055,
200.4118, 166.1113

 5.3641, 6.3386,
2.6314

224.5469,
244.3966, 206.2934

 2.4994, 3.0520,
0.9086

271.0329,

 0.8949, 1.1590,

294.3876, 252.4831

0.0000

323.5287,
350.7692, 305.0990

■ 0.0000, 0.0278,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 51.3795, 57.1272,
40.6664

■ 51.3795, 57.1272,
40.6664

■ 49.6585, 56.4265,
32.2435

■ 53.3897, 57.9476,
50.5971

■ 48.2084, 55.8321,
25.2512

■ 55.6976, 58.8851,
62.1004

■ 47.0154, 55.3407,
19.6112

■ 58.3169, 59.9473,
75.2417

■ 46.0629, 54.9456,
15.2360

■ 61.2592, 61.1387,
90.0817

■ 45.3325, 54.6393,
12.0279

■ 63.8839, 62.2030,
103.2471

■ 44.8028, 54.4133,
9.8752

■ 64.0099, 62.2680,
103.2530

■ 44.4485, 54.2576,
8.6440

■ 64.1363, 62.3332,
103.2589

■ 44.2509, 54.1670,
8.1230

■ 64.2631, 62.3986,
103.2648

■ 64.3903, 62.4641,
103.2708

Harmonies

Analogous

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



56.0453, 57.1272, 39.9522



51.3795, 57.1272, 40.6664



47.7069, 57.1272, 46.6296

Triad

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



51.3795, 57.1272, 40.6664



48.5464, 57.1272, 84.0490



63.7365, 57.1272, 67.2868

Complementary

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



51.3795, 57.1272, 40.6664



37.1878, 36.0904, 60.8864

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.



61.4691, 57.1272, 80.9042



51.3795, 57.1272, 40.6664



52.5868, 57.1272, 91.4762

Square

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



51.3795, 57.1272, 40.6664



46.1381, 57.1272, 71.1078



57.3243, 57.1272, 90.2483



63.3666, 57.1272, 54.0723

Rectangle

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



51.3795, 57.1272, 40.6664



46.2307, 57.1272, 53.3371



57.3243, 57.1272, 90.2483



63.2525, 57.1272, 71.9981

Sweetspot

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



51.3810, 57.1297, 40.6676



92.1582, 98.8260, 94.4538



42.8829, 39.7312, 37.7573



19.6749, 21.1322, 19.9642



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.



51.3810, 57.1297, 40.6676



85.5981, 96.1552, 62.0219



45.9463, 54.3281, 40.4133



12.1275, 13.0831, 11.9655



28.4842, 34.8594, 5.2273



1.4777, 1.8026, 0.2701

Inverse Universe

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



37.1878, 36.0904, 60.8864



57.4717, 54.4609, 102.0907



41.8828, 38.5108, 61.1062



10.6250, 10.8560, 14.1058



6.9074, 2.7684, 36.1266



0.3648, 0.1472, 1.8641

Previews

White Background



This preview shows how the XYZ color 51.3795, 57.1272, 40.6664 looks on a white background.

Color Contrast Check

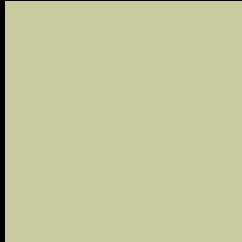
Large Text (above 18pt) WCAG AA × Fail

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 51.3795, 57.1272, 40.6664 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

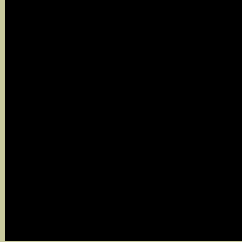
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.3795, 57.1272, 40.6664

Background



This preview shows how black text looks on a background with the XYZ color 51.3795, 57.1272, 40.6664.



This preview shows how white text looks on a background with the XYZ color 51.3795, 57.1272,

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

51.3795, 57.1272, 40.6664

Protanopia

53.5756, 57.2442, 39.6780

Deuteranopia

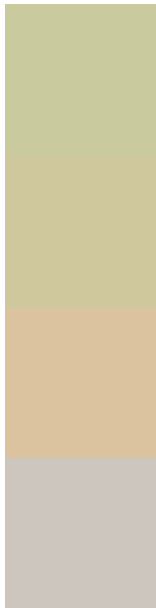
57.9310, 56.7886, 41.1657



Tritanopia

57.1604, 57.0933, 68.9802

Trichromacy



Original Color

51.3795, 57.1272, 40.6664

Protanomaly

52.7525, 57.1528, 40.1495

Deuteranomaly

55.2883, 56.7491, 40.8405

Tritanomaly

54.7749, 57.1289, 57.4302

Monochromacy



Original Color

51.3795, 57.1272, 40.6664

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

52.2594, 56.2715, 52.9069

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.3795, 57.1272, 40.6664 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(201, 202, 158)` looks like.

```
.text, #text, p{  
    color:rgb(201, 202, 158)  
}
```

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(201, 202, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 202, 158) }
```

Border

The CSS property to change the border of an element to XYZ 51.3795, 57.1272, 40.6664 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(201, 202, 158) }
```


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

```
.border{ border-color:rgb(201, 202, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 202, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 202, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 202, 158);  
box-shadow:4px 4px 4px 4px rgb(201, 202,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 51.3795, 57.1272, 40.6664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 202, 158) }
```

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

```
.background{ background-color: rgb(201,  
202, 158) }
```

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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