

Converting Colors

XYZ(38.3315, 35.5829, 32.4586)

Have a look what the booklet for
XYZ(38.3315, 35.5829, 32.4586)
contains.

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Color

**XYZ(38.3254, 35.5773,
32.4509)**

Conversions

Conversions Part 1

Format	Color
Hex	C19793
RGB	193, 151, 147
RGB Percent	76%, 59%, 58%
CMY	0.2431, 0.4078, 0.4235
CMYK	0.00, 0.22, 0.24, 0.24
HSL	5°, 27%, 67%
HSV	5°, 24%, 76%
XYZ	38.3254, 35.5773, 32.4509
YIQ	163.1020, 26.3160, 7.6600

Conversions

Conversions Part 2

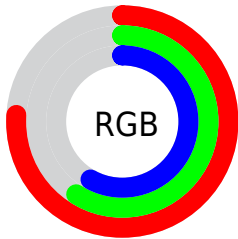
Format	Color
R_{YB}	193, 151, 147
Decimal	12687251
CIE _{Lab}	66.20, 15.10, 8.12
CIE _{LCh}	66, 17.145, 28.280
Yxy	35.5773, 0.3604, 0.3345
Android (android.graphics.Color)	4290877331 (0xFFC19793)
YUV	163.1020, -7.9383, 26.2205
Hunter-Lab	59.6467, 10.3117, 9.4959

Details

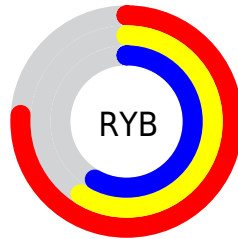
The XYZ color **38.3254, 35.5773, 32.4509** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **39.8553, 46.4471, 57.3169**, and the grayscale version is **34.8894, 36.7063, 39.9732**.

A 20% lighter version of the original color is **71.7983, 68.2037, 64.6388**, and **17.3160, 15.4478, 13.1354** is the 20% darker color. If you saturate the color by 10%, you get **34.3094, 29.7688, 24.2567**, and if you desaturate by 10%, it is **43.0213, 42.3384, 42.1261**.

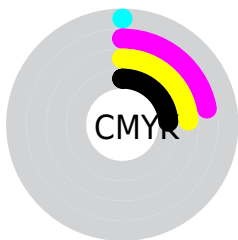
Distribution



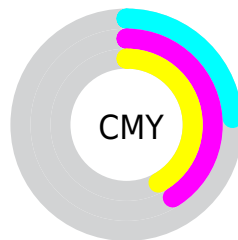
- Red (76%)
- Green (59%)
- Blue (58%)



- Red (76%)
- Yellow (59%)
- Blue (58%)



- Cyan (0%)
- Magenta (22%)
- Yellow (24%)
- Black (24%)





- Cyan (24%)
- Magenta (41%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.3254, 35.5773, 32.4509 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 38.3254, 35.5773, 32.4509 by changing the saturation by 10% instead.

 38.3254, 35.5773,
32.4509


 38.3254, 35.5773,
32.4509


330.2706,
327.1092, 327.7240

 26.4137, 24.1079,
21.4385


 71.9073, 68.3791,
64.6234

 17.2677, 15.4137,
13.2505


 94.3082, 90.4804,
86.6205

 10.5220, 9.1102,
7.4685


120.9362,
116.8944, 113.1163

 5.8113, 4.8132,
3.6740

152.1567,
148.0055, 144.5293

 2.7703, 2.1381,
1.4482

188.3351,
184.1981, 181.2780

 1.0335, 0.6859,
0.1789

229.8366,

 0.0000, 0.0000,

225.8567, 223.7810

0.0000

277.0266,
273.3656, 272.4568

■ 38.3254, 35.5773,
32.4509

■ 38.3254, 35.5773,
32.4509

■ 34.3094, 29.7688,
24.2567

■ 43.0213, 42.3384,
42.1261

■ 30.9389, 24.8654,
17.4684

■ 48.4236, 50.0870,
53.3480

■ 28.1810, 20.8229,
12.0074

■ 54.5608, 58.8623,
66.1810

■ 25.9988, 17.5916,
7.7867

■ 61.4591, 68.6999,
80.6854

■ 24.3512, 15.1166,
4.7089

■ 69.1433, 79.6338,
96.9181

■ 23.1917, 13.3360,
2.6620

■ 75.8024, 90.0775,
107.9992

■ 22.4655, 12.1785,
1.5113

■ 22.1898, 11.7322,
1.0950

Harmonies

Analogous

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



38.9635, 35.5773, 39.1613



38.3254, 35.5773, 32.4509



36.4626, 35.5773, 27.9665

Triad

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



38.3254, 35.5773, 32.4509



29.8087, 35.5773, 31.8055



33.6680, 35.5773, 54.5592

Complementary

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



38.3254, 35.5773, 32.4509



39.8553, 46.4471, 57.3169

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.



31.2991, 35.5773, 51.9704



38.3254, 35.5773, 32.4509



29.1416, 35.5773, 38.3171

Square

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



38.3254, 35.5773, 32.4509



31.5422, 35.5773, 27.6282



29.6734, 35.5773, 45.7880



36.1948, 35.5773, 52.4855

Rectangle

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



38.3254, 35.5773, 32.4509



34.8222, 35.5773, 26.5373



29.6734, 35.5773, 45.7880



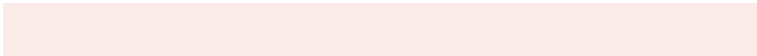
32.8277, 35.5773, 54.1997

Sweetspot

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



38.3264, 35.5789, 32.4516



83.4147, 84.9604, 88.6500



41.6298, 35.8867, 52.9719



17.7671, 18.0432, 18.7520



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



38.3264, 35.5789, 32.4516



64.4531, 57.6688, 49.5537



42.3630, 43.6521, 33.7972



10.1421, 10.2157, 10.4991



14.7843, 7.8544, 0.7368



0.6633, 0.3885, 0.0400

Inverse Universe

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



39.8553, 46.4471, 57.3169



67.6970, 80.7495, 102.3785



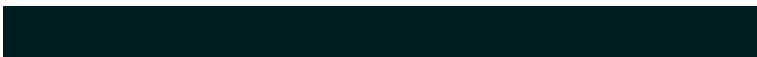
35.3252, 37.3868, 55.8068



10.2912, 11.2736, 12.9185



16.7842, 23.3248, 37.1741



0.7476, 1.0526, 1.6137

Previews

White Background



This preview shows how the XYZ color 38.3254, 35.5773, 32.4509 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 38.3254, 35.5773, 32.4509 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 38.3254, 35.5773, 32.4509

Background



This preview shows how black text looks on a background with the XYZ color 38.3254, 35.5773, 32.4509.



This preview shows how white text looks on a background with the XYZ color 38.3254, 35.5773,

32.4509.

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

38.3254, 35.5773, 32.4509

Protanopia

34.1383, 35.8637, 34.8289

Deuteranopia

36.2011, 35.4631, 32.1312



Tritanopia

39.5983, 35.6351, 38.0489

Trichromacy



Original Color

38.3254, 35.5773, 32.4509

Protanomaly

35.4665, 35.5461, 33.8460

Deuteranomaly

36.9936, 35.6256, 32.1208

Tritanomaly

39.0709, 35.6486, 35.8320

Monochromacy



Original Color

38.3254, 35.5773, 32.4509

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

35.9395, 36.2293, 36.9970

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.3254, 35.5773, 32.4509 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(193, 151, 147)` looks like.

```
.text, #text, p{  
    color:rgb(193, 151, 147)  
}
```

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(193, 151, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 151, 147) }
```

Border

The CSS property to change the border of an element to XYZ 38.3254, 35.5773, 32.4509 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(193, 151, 147) }
```


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

```
.border{ border-color:rgb(193, 151, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 151, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 151, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 151, 147);  
box-shadow:4px 4px 4px 4px rgb(193, 151,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 38.3254, 35.5773, 32.4509 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 151, 147) }
```

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

```
.background{ background-color: rgb(193,  
151, 147) }
```

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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