

Converting Colors

XYZ(33.8647, 34.3257, 38.0471)

Have a look what the booklet for
XYZ(33.8647, 34.3257, 38.0471)
contains.

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Color

**XYZ(33.9595, 34.4220,
38.1120)**

Conversions

Conversions Part 1

Format	Color
Hex	A69CA0
RGB	166, 156, 160
RGB Percent	65%, 61%, 63%
CMY	0.3490, 0.3882, 0.3725
CMYK	0.00, 0.06, 0.04, 0.35
HSL	336°, 5%, 63%
HSV	336°, 6%, 65%
XYZ	33.9595, 34.4220, 38.1120
YIQ	159.4460, 4.6760, 3.3640

Conversions

Conversions Part 2

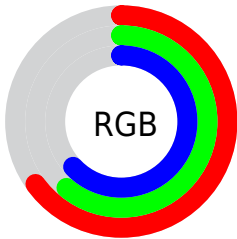
Format	Color
RYB	166, 156, 160
Decimal	10919072
CIELab	65.30, 4.38, -0.78
CIELCh	65, 4.450, 349.855
Yxy	34.4220, 0.3189, 0.3232
Android (android.graphics.Color)	4289109152 (0xFFA69CA0)
YUV	159.4460, 0.2731, 5.7479
Hunter-Lab	58.6703, 0.6463, 2.5546

Details

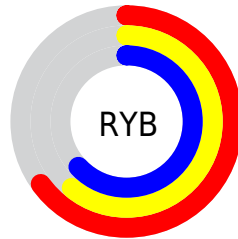
The XYZ color **33.9595, 34.4220, 38.1120** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.8694, 36.9498, 39.5311**, and the grayscale version is **33.1570, 34.8837, 37.9884**.

A 20% lighter version of the original color is **65.1311, 66.3716, 73.6682**, and **14.7513, 14.7847, 16.5442** is the 20% darker color. If you saturate the color by 10%, you get **30.5254, 28.8928, 32.8384**, and if you desaturate by 10%, it is **37.8461, 40.7435, 43.8819**.

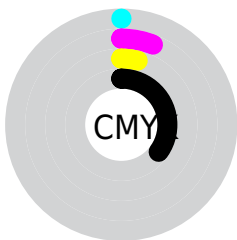
Distribution



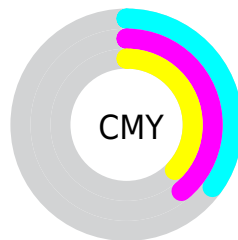
- Red (65%)
- Green (61%)
- Blue (63%)



- Red (65%)
- Yellow (61%)
- Blue (63%)



- Cyan (0%)
- Magenta (6%)
- Yellow (4%)
- Black (35%)



- Cyan (35%)
- Magenta (39%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.9595, 34.4220, 38.1120 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 33.9595, 34.4220, 38.1120 by changing the saturation by 10% instead.

■ 33.9595, 34.4220,
38.1120

■ 33.9595, 34.4220,
38.1120

311.5405,
322.0097, 353.4128

■ 23.0252, 23.2180,
25.7671

■ 65.2154, 66.5894,
73.4851

■ 14.7329, 14.7545,
16.4253

■ 86.2677, 88.3215,
97.3504

■ 8.7173, 8.6473,
9.6680

111.4235,
114.3318, 125.8929

■ 4.6129, 4.5119,
5.0767

141.0479,
145.0047, 159.5312

■ 2.0544, 1.9638,
2.2328

175.5065,
180.7245, 198.6838

■ 0.6642, 0.5863,
0.6932

215.1646,

■ 0.0000, 0.0000,

221.8757, 243.7692

0.0000

260.3875,
268.8426, 295.2060

■ 33.9595, 34.4220,
38.1120

■ 33.9595, 34.4220,
38.1120

■ 30.5254, 28.8928,
32.8384

■ 37.8461, 40.7435,
43.8819

■ 27.5239, 24.1201,
28.0452

■ 42.1984, 47.8825,
50.1590

■ 24.9380, 20.0720,
23.7188

■ 47.0324, 55.8684,
56.9566

■ 22.7482, 16.7125,
19.8441

■ 52.3629, 64.7279,
64.2868

■ 20.9336, 14.0025,
16.4050

■ 58.2036, 74.4866,
72.1614

■ 19.4710, 11.8992,
13.3843

■ 64.3748, 84.7826,
80.5274

■ 18.3349, 10.3541,
10.7637

■ 65.7325, 85.3257,
87.6766

■ 17.4956, 9.3116,
8.5228

■ 67.1701, 85.9007,
95.2469

■ 16.9139, 8.6969,
6.6375

■ 68.6889, 86.5082,
103.2451

Harmonies

Analogous

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



33.6792, 34.4220, 39.8287



33.9595, 34.4220, 38.1120



33.9035, 34.4220, 36.2802

Triad

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



33.9595, 34.4220, 38.1120



32.2955, 34.4220, 34.2213



31.9200, 34.4220, 40.2754

Complementary

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



33.9595, 34.4220, 38.1120



33.8694, 36.9498, 39.5311

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.



31.5586, 34.4220, 38.7053



33.9595, 34.4220, 38.1120



31.7734, 34.4220, 35.2249

Square

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



33.9595, 34.4220, 38.1120



32.9371, 34.4220, 34.0743



31.5053, 34.4220, 36.8544



32.4980, 34.4220, 41.1048

Rectangle

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



33.9595, 34.4220, 38.1120



33.6833, 34.4220, 35.2382



31.5053, 34.4220, 36.8544



31.7695, 34.4220, 39.8144

Sweetspot

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



33.9605, 34.4235, 38.1127



64.3449, 66.8708, 73.2337



33.6729, 34.2131, 40.9058



14.4170, 14.9934, 16.4148



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



33.9605, 34.4235, 38.1127



60.9040, 61.2931, 68.0659



33.7848, 34.6227, 36.3565



7.8048, 7.8390, 8.7124



12.9876, 6.6038, 4.7464



0.3414, 0.1708, 0.2492

Inverse Universe

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



33.9605, 34.4235, 38.1127



60.9040, 61.2931, 68.0659



34.0494, 36.7322, 41.3722



7.8048, 7.8390, 8.7124



12.9876, 6.6038, 4.7464



0.3414, 0.1708, 0.2492

Previews

White Background



This preview shows how the XYZ color 33.9595, 34.4220, 38.1120 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 33.9595, 34.4220, 38.1120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

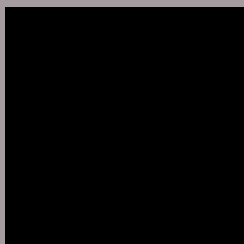
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

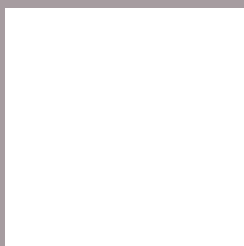
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 33.9595, 34.4220, 38.1120

Background



This preview shows how black text looks on a background with the XYZ color 33.9595, 34.4220, 38.1120.



This preview shows how white text looks on a background with the XYZ color 33.9595, 34.4220,

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

33.9595, 34.4220, 38.1120

Protanopia

33.3578, 34.6040, 38.6393

Deuteranopia

35.1343, 34.5335, 38.0716



Tritanopia

34.6327, 34.4482, 41.3830

Trichromacy



Original Color

33.9595, 34.4220, 38.1120

Protanomaly

33.5943, 34.4737, 38.6017

Deuteranomaly

34.6441, 34.5268, 38.0961

Tritanomaly

34.3585, 34.3385, 39.9391

Monochromacy



Original Color

33.9595, 34.4220, 38.1120

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

33.3852, 34.6383, 37.7272

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.9595, 34.4220, 38.1120 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(166, 156, 160)` looks like.

```
.text, #text, p{  
    color:rgb(166, 156, 160)  
}
```

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(166, 156, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 156, 160) }
```

Border

The CSS property to change the border of an element to XYZ 33.9595, 34.4220, 38.1120 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(166, 156, 160) }
```


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

```
.border{ border-color:rgb(166, 156, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 156, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 156, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 156, 160);  
box-shadow:4px 4px 4px 4px rgb(166, 156,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 33.9595, 34.4220, 38.1120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 156, 160) }
```

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

```
.background{ background-color: rgb(166,  
156, 160) }
```

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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