

Converting Colors

XYZ(29.3544, 33.2708, 35.8196)

Have a look what the booklet for
XYZ(29.3544, 33.2708, 35.8196)
contains.

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Color

**XYZ(29.4765, 33.4317,
35.9097)**

Conversions

Conversions Part 1

Format	Color
Hex	8CA19B
RGB	140, 161, 155
RGB Percent	55%, 63%, 61%
CMY	0.4510, 0.3686, 0.3922
CMYK	0.13, 0.00, 0.04, 0.37
HSL	163°, 10%, 59%
HSV	163°, 13%, 63%
XYZ	29.4765, 33.4317, 35.9097
YIQ	154.0370, -10.5900, -6.3180

Conversions

Conversions Part 2

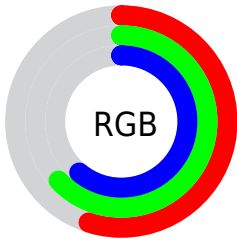
Format	Color
RYB	140, 152, 161
Decimal	9216411
CIELab	64.51, -8.58, 0.63
CIElCh	65, 8.604, 175.815
Yxy	33.4317, 0.2983, 0.3383
Android (android.graphics.Color)	4287406491 (0xFF8CA19B)
YUV	154.0370, 0.4748, -12.3104
Hunter-Lab	57.8202, -10.1866, 3.6515

Details

The XYZ color **29.4765, 33.4317, 35.9097** is a light color, and the websafe version is hex **999999**. A complement of this color would be **29.2656, 28.4095, 31.1369**, and the grayscale version is **30.7335, 32.3340, 35.2117**.

A 20% lighter version of the original color is **58.3126, 65.1845, 69.8301**, and **12.1838, 14.1104, 15.1781** is the 20% darker color. If you saturate the color by 10%, you get **26.5807, 31.9836, 33.7957**, and if you desaturate by 10%, it is **32.7860, 35.0932, 38.1214**.

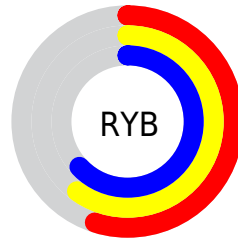
Distribution



Red (55%)

Green (63%)

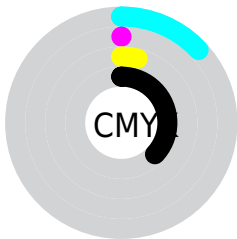
Blue (61%)



Red (55%)

Yellow (60%)

Blue (63%)

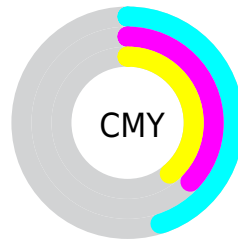


Cyan (13%)

Magenta (0%)

Yellow (4%)

Black (37%)



Cyan (45%)

Magenta (37%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.4765, 33.4317, 35.9097 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 29.4765, 33.4317, 35.9097 by changing the saturation by 10% instead.

■ 29.4765, 33.4317,
35.9097

■ 29.4765, 33.4317,
35.9097

291.4104,
317.5905, 343.5912

■ 19.5877, 22.4574,
24.0753

■ 58.2256, 65.0489,
70.0601

■ 12.2022, 14.1933,
15.1768

■ 77.8166, 86.4606,
93.2133

■ 6.9547, 8.2553,
8.7956

■ 101.3724,
112.1202, 120.9764

■ 3.4799, 4.2587,
4.5131

129.2584,
142.4121, 153.7681

■ 1.4123, 1.8193,
1.9108

161.8398,
177.7207, 192.0069

■ 0.2650, 0.4992,
0.4996

199.4820,

■ 0.0000, 0.0000,

218.4303, 236.1113

0.0000

242.5504,
264.9255, 286.4999

■ 29.4765, 33.4317,
35.9097

■ 29.4765, 33.4317,
35.9097

■ 26.5807, 31.9836,
33.7957

■ 32.7860, 35.0932,
38.1214

■ 24.0782, 30.7356,
31.7754

■ 36.5225, 36.9722,
40.4300

■ 21.9516, 29.6798,
29.8479

■ 40.7023, 39.0780,
42.8380

■ 20.1807, 28.8056,
28.0114

■ 45.3402, 41.4182,
45.3468

■ 18.7433, 28.1018,
26.2639

■ 50.4500, 43.9999,
47.9577

■ 17.6150, 27.5557,
24.6034

■ 56.0450, 46.8300,
50.6723

■ 16.7675, 27.1529,
23.0276

■ 62.1381, 49.9150,
53.4919

■ 16.1674, 26.8759,
21.5341

■ 63.4791, 50.5484,
56.1716

■ 15.8393, 26.7285,
20.5406

■ 63.9965, 50.7553,
58.8959

Harmonies

Analogous

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



29.8606, 33.4317, 32.7292



29.4765, 33.4317, 35.9097



29.6954, 33.4317, 39.4292

Triad

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



29.4765, 33.4317, 35.9097



32.8162, 33.4317, 42.8410



33.1223, 33.4317, 31.0844

Complementary

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



29.4765, 33.4317, 35.9097



29.2656, 28.4095, 31.1369

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.



33.9512, 33.4317, 33.5327



29.4765, 33.4317, 35.9097



33.7713, 33.4317, 40.3385

Square

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



29.4765, 33.4317, 35.9097



31.6037, 33.4317, 43.5780



34.1917, 33.4317, 36.8976



31.9486, 33.4317, 30.0595

Rectangle

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



29.4765, 33.4317, 35.9097



30.1569, 33.4317, 41.4741



34.1917, 33.4317, 36.8976



33.4517, 33.4317, 31.7602

Sweetspot

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



29.4774, 33.4331, 35.9104



58.0685, 62.5218, 67.8529



29.3871, 33.5231, 29.7333



12.6378, 13.6630, 14.8178



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



29.4774, 33.4331, 35.9104



51.0205, 58.9872, 63.0577



29.2725, 32.1963, 38.3914



7.1894, 7.9766, 8.6091



12.6680, 21.3535, 16.4999



0.2849, 0.4562, 0.4454

Inverse Universe

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



29.2656, 28.4095, 31.1369



50.5571, 47.9926, 52.6117



29.4363, 29.4787, 28.9501



7.1531, 7.1177, 7.7929



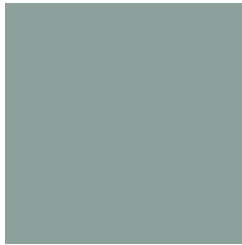
12.1486, 6.2155, 2.7071



0.2746, 0.1383, 0.1587

Previews

White Background



This preview shows how the XYZ color 29.4765, 33.4317, 35.9097 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 29.4765, 33.4317, 35.9097 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

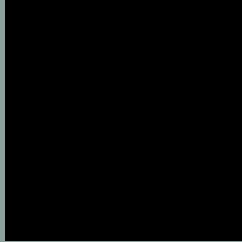
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

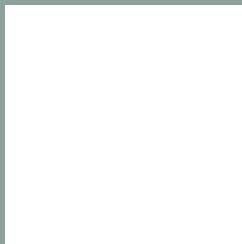
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.4765, 33.4317, 35.9097

Background



This preview shows how black text looks on a background with the XYZ color 29.4765, 33.4317, 35.9097.



This preview shows how white text looks on a background with the XYZ color 29.4765, 33.4317,

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

29.4765, 33.4317, 35.9097

Protanopia

31.8860, 33.1833, 34.4302

Deuteranopia

33.9470, 33.2255, 36.5222



Tritanopia

31.0765, 33.5762, 43.3710

Trichromacy



Original Color

29.4765, 33.4317, 35.9097

Protanomaly

30.9436, 33.1862, 34.9117

Deuteranomaly

32.2193, 33.3166, 36.1851

Tritanomaly

30.5177, 33.6090, 40.4760

Monochromacy



Original Color

29.4765, 33.4317, 35.9097

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

30.2841, 32.8366, 35.3138

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.4765, 33.4317, 35.9097 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(140, 161, 155)` looks like.

```
.text, #text, p{  
    color:rgb(140, 161, 155)  
}
```

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(140, 161, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 161, 155) }
```

Border

The CSS property to change the border of an element to XYZ 29.4765, 33.4317, 35.9097 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(140, 161, 155) }
```


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

```
.border{ border-color:rgb(140, 161, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 161, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 161, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 161, 155);  
box-shadow:4px 4px 4px 4px rgb(140, 161,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 29.4765, 33.4317, 35.9097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 161, 155) }
```

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

```
.background{ background-color: rgb(140,  
161, 155) }
```

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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