

Converting Colors

XYZ(30.2940, 35.5810, 35.7775)

Have a look what the booklet for
XYZ(30.2940, 35.5810, 35.7775)
contains.

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Color

**XYZ(30.2989, 35.4595,
35.8193)**

Conversions

Conversions Part 1

Format	Color
Hex	8BA79A
RGB	139, 167, 154
RGB Percent	55%, 65%, 60%
CMY	0.4549, 0.3451, 0.3961
CMYK	0.17, 0.00, 0.08, 0.35
HSL	152°, 14%, 60%
HSV	152°, 17%, 65%
XYZ	30.2989, 35.4595, 35.8193
YIQ	157.1460, -12.5150, -9.9790

Conversions

Conversions Part 2

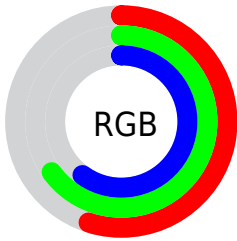
Format	Color
RYB	139, 157, 167
Decimal	9152410
CIELab	66.10, -12.34, 3.50
CIELCh	66, 12.826, 164.185
Yxy	35.4595, 0.2983, 0.3491
Android (android.graphics.Color)	4287342490 (0xFF8BA79A)
YUV	157.1460, -1.5510, -15.9140
Hunter-Lab	59.5479, -13.3852, 6.0193

Details

The XYZ color **30.2989, 35.4595, 35.8193** is a light color, and the websafe version is hex **669999**. A complement of this color would be **30.8377, 28.9486, 33.6696**, and the grayscale version is **32.1251, 33.7981, 36.8061**.

A 20% lighter version of the original color is **59.4988, 68.1341, 69.6898**, and **12.6987, 15.3646, 15.1283** is the 20% darker color. If you saturate the color by 10%, you get **27.0956, 33.8814, 32.4066**, and if you desaturate by 10%, it is **33.9719, 37.2769, 39.4734**.

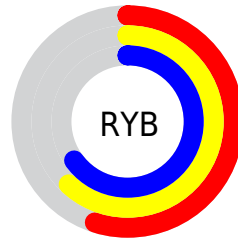
Distribution



Red (55%)

Green (65%)

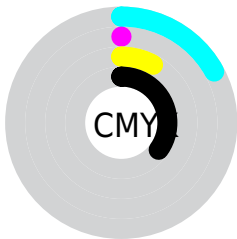
Blue (60%)



Red (55%)

Yellow (62%)

Blue (65%)

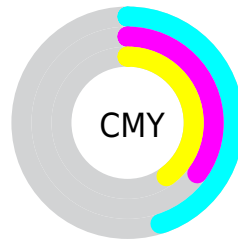


Cyan (17%)

Magenta (0%)

Yellow (8%)

Black (35%)



Cyan (45%)

Magenta (35%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.2989, 35.4595, 35.8193 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 30.2989, 35.4595, 35.8193 by changing the saturation by 10% instead.

■ 30.2989, 35.4595,
35.8193

■ 30.2989, 35.4595,
35.8193

295.1801,
326.5919, 343.1835

■ 20.2148, 24.0170,
24.0061

■ 59.5179, 68.1970,
69.9190

■ 12.6604, 15.3463,
15.1259

■ 79.3836, 90.2608,
93.0425

■ 7.2705, 9.0628,
8.7602

■ 103.2404,
116.6339, 120.7732

■ 3.6797, 4.7821,
4.4904

131.4538,
147.7006, 153.5297

■ 1.5226, 2.1200,
1.8981

164.3891,
183.8454, 191.7304

■ 0.3411, 0.6758,
0.4915

202.4117,

■ 0.0000, 0.0000,

225.4526, 235.7939

0.0000

245.8869,
272.9067, 286.1388

■ 30.2989, 35.4595,
35.8193

■ 30.2989, 35.4595,
35.8193

■ 27.0956, 33.8814,
32.4066

■ 33.9719, 37.2769,
39.4734

■ 24.3391, 32.5278,
29.2277

■ 38.1304, 39.3388,
43.3712

■ 22.0086, 31.3893,
26.2784

■ 42.7933, 41.6556,
47.5183

■ 20.0809, 30.4538,
23.5532

■ 47.9772, 44.2360,
51.9193

■ 18.5301, 29.7083,
21.0464

■ 53.6983, 47.0881,
56.5785

■ 17.3274, 29.1378,
18.7520

■ 59.9719, 50.2198,
61.5003

■ 16.4392, 28.7252,
16.6637

■ 66.4794, 53.4668,
66.6733

■ 15.8172, 28.4457,
14.7742

■ 67.4589, 53.8586,
71.8312

■ 15.6419, 28.3678,
14.2036

■ 68.4857, 54.2693,
77.2384

Harmonies

Analogous

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



31.2131, 35.4595, 31.5620



30.2989, 35.4595, 35.8193



30.2738, 35.4595, 41.2388

Triad

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



30.2989, 35.4595, 35.8193



34.6092, 35.4595, 49.7042



36.3999, 35.4595, 31.7468

Complementary

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



30.2989, 35.4595, 35.8193



30.8377, 28.9486, 33.6696

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.



37.3823, 35.4595, 36.0942



30.2989, 35.4595, 35.8193



36.3224, 35.4595, 46.6347

Square

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



30.2989, 35.4595, 35.8193



32.7144, 35.4595, 49.6129



37.3534, 35.4595, 41.5407



34.7118, 35.4595, 29.3664

Rectangle

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



30.2989, 35.4595, 35.8193



30.7618, 35.4595, 44.8115



37.3534, 35.4595, 41.5407



36.8264, 35.4595, 33.0077

Sweetspot

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



30.2999, 35.4610, 35.8201



62.0259, 67.3454, 71.8307



31.4415, 36.1850, 29.7538



13.7725, 15.0173, 15.9712



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.



30.2999, 35.4610, 35.8201



52.1053, 62.4407, 61.9021



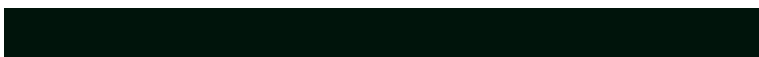
31.2720, 35.5772, 41.7799



7.5984, 8.4724, 8.8714



11.9937, 21.7163, 10.9998



0.3173, 0.5385, 0.4016

Inverse Universe

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



30.8377, 28.9486, 33.6696



53.2461, 48.6281, 57.3417



29.9659, 28.8171, 28.4094



7.6706, 7.5981, 8.5826



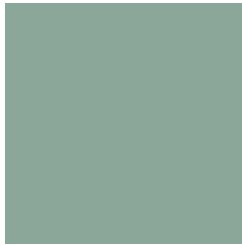
13.2588, 6.7122, 6.1742



0.3486, 0.1737, 0.2872

Previews

White Background



This preview shows how the XYZ color 30.2989, 35.4595, 35.8193 looks on a white background.

Color Contrast Check

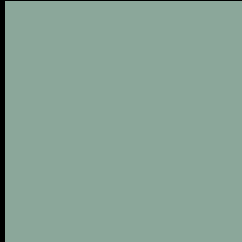
Large Text (above 18pt) WCAG AA × Fail

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 30.2989, 35.4595, 35.8193 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

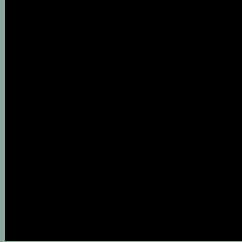
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 30.2989, 35.4595, 35.8193

Background



This preview shows how black text looks on a background with the XYZ color 30.2989, 35.4595, 35.8193.



This preview shows how white text looks on a background with the XYZ color 30.2989, 35.4595,

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

30.2989, 35.4595, 35.8193

Protanopia

33.8017, 35.4506, 33.9153

Deuteranopia

35.8536, 35.1901, 36.3552



Tritanopia

32.5390, 35.5649, 46.7447

Trichromacy



Original Color

30.2989, 35.4595, 35.8193

Protanomaly

32.3934, 35.4967, 34.4224

Deuteranomaly

33.4188, 34.9494, 35.9949

Tritanomaly

31.7719, 35.5256, 42.7187

Monochromacy



Original Color

30.2989, 35.4595, 35.8193

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

31.3233, 34.3741, 36.4364

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.2989, 35.4595, 35.8193 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(139, 167, 154)` looks like.

```
.text, #text, p{  
    color:rgb(139, 167, 154)  
}
```

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(139, 167, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 167, 154) }
```

Border

The CSS property to change the border of an element to XYZ 30.2989, 35.4595, 35.8193 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(139, 167, 154) }
```


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

```
.border{ border-color:rgb(139, 167, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 167, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 167, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 167, 154);  
box-shadow:4px 4px 4px 4px rgb(139, 167,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 30.2989, 35.4595, 35.8193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 167, 154) }
```

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

```
.background{ background-color: rgb(139,  
167, 154) }
```

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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