

Converting Colors

XYZ(29.0726, 34.6767, 32.3359)

Have a look what the booklet for
XYZ(29.0726, 34.6767, 32.3359)
contains.

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Color

**XYZ(28.9779, 34.5820,
32.3418)**

Conversions

Conversions Part 1

Format	Color
Hex	88A692
RGB	136, 166, 146
RGB Percent	53%, 65%, 57%
CMY	0.4667, 0.3490, 0.4274
CMYK	0.18, 0.00, 0.12, 0.35
HSL	140°, 14%, 59%
HSV	140°, 18%, 65%
XYZ	28.9779, 34.5820, 32.3418
YIQ	154.7500, -11.4600, -12.5800

Conversions

Conversions Part 2

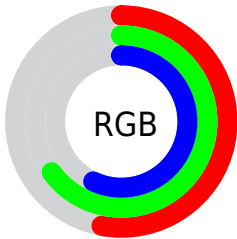
Format	Color
RYB	136, 159, 166
Decimal	8955538
CIELab	65.42, -14.44, 6.94
CIELCh	65, 16.016, 154.326
Yxy	34.5820, 0.3022, 0.3606
Android (android.graphics.Color)	4287145618 (0xFF88A692)
YUV	154.7500, -4.3137, -16.4438
Hunter-Lab	58.8065, -14.9524, 8.5568

Details

The XYZ color **28.9779, 34.5820, 32.3418** is a light color, and the websafe version is hex **669999**. A complement of this color would be **30.5321, 28.1165, 35.2720**, and the grayscale version is **31.0681, 32.6860, 35.5951**.

A 20% lighter version of the original color is **57.5170, 66.8302, 64.5116**, and **11.9664, 14.8576, 13.3034** is the 20% darker color. If you saturate the color by 10%, you get **25.6683, 32.9715, 27.9085**, and if you desaturate by 10%, it is **32.7904, 36.4440, 37.2352**.

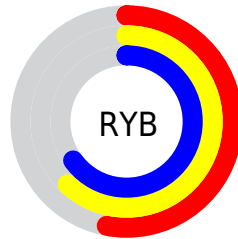
Distribution



Red (53%)

Green (65%)

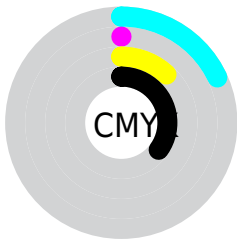
Blue (57%)



Red (53%)

Yellow (62%)

Blue (65%)

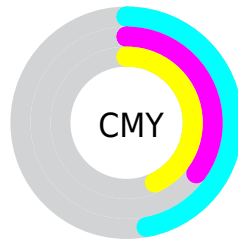


Cyan (18%)

Magenta (0%)

Yellow (12%)

Black (35%)



Cyan (47%)

Magenta (35%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.9779, 34.5820, 32.3418 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 28.9779, 34.5820, 32.3418 by changing the saturation by 10% instead.

■ 28.9779, 34.5820,
32.3418

■ 28.9779, 34.5820,
32.3418

289.1068,
322.7194, 327.2139

■ 19.2083, 23.3411,
21.3557

■ 57.4398, 66.8377,
64.4507

■ 11.9258, 14.8455,
13.1905

■ 76.8628, 88.6213,
86.4105

■ 6.7650, 8.7111,
7.4276

■ 100.2343,
114.6878, 112.8654

■ 3.3606, 4.5532,
3.6484

127.9196,
145.4218, 144.2338

■ 1.3472, 1.9876,
1.4345

160.2842,
181.2075, 180.9344

■ 0.2181, 0.6002,
0.1684

197.6933,

■ 0.0000, 0.0000,

222.4295, 223.3855

0.0000

240.5124,
269.4720, 272.0059

■ 28.9779, 34.5820,
32.3418

■ 28.9779, 34.5820,
32.3418

■ 25.6683, 32.9715,
27.9085

■ 32.7904, 36.4440,
37.2352

■ 22.8372, 31.5974,
23.9198

■ 37.1230, 38.5634,
42.5992

■ 20.4624, 30.4494,
20.3624

■ 41.9959, 40.9510,
48.4467

■ 18.5189, 29.5150,
17.2216

■ 47.4271, 43.6161,
54.7897

■ 16.9789, 28.7802,
14.4820

■ 53.4337, 46.5673,
61.6393

■ 15.8115, 28.2293,
12.1270

■ 60.0324, 49.8128,
69.0068

■ 14.9809, 27.8442,
10.1388

■ 67.2388, 53.3606,
76.9027

■ 14.4270, 27.5944,
8.4975

■ 69.8059, 54.5054,
85.0911

■ 14.3344, 27.5527,
8.2187

■ 71.4513, 55.1635,
93.7553

Harmonies

Analogous

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



30.3963, 34.5820, 27.9820



28.9779, 34.5820, 32.3418



28.5830, 34.5820, 38.6345

Triad

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



28.9779, 34.5820, 32.3418



33.2098, 34.5820, 52.0224



36.7273, 34.5820, 30.8440

Complementary

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



28.9779, 34.5820, 32.3418



30.5321, 28.1165, 35.2720

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.



37.5637, 34.5820, 36.6900



28.9779, 34.5820, 32.3418



35.4726, 34.5820, 49.3315

Square

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



28.9779, 34.5820, 32.3418



30.9578, 34.5820, 50.5047



37.0940, 34.5820, 43.5180



34.8576, 34.5820, 27.1919

Rectangle

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



28.9779, 34.5820, 32.3418



28.9368, 34.5820, 43.2162



37.0940, 34.5820, 43.5180



37.1425, 34.5820, 32.5906

Sweetspot

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



28.9789, 34.5835, 32.3426



61.7515, 67.2357, 70.3859



31.8887, 36.1695, 28.5938



13.7033, 14.9896, 15.6068



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.



28.9789, 34.5835, 32.3426



49.8772, 61.4402, 55.1063



30.1797, 35.0638, 38.6663



7.5360, 8.4475, 8.5429



11.1349, 21.3727, 6.4770



0.2945, 0.5294, 0.2819

Inverse Universe

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



30.5321, 28.1165, 35.2720



53.2668, 47.3238, 61.4968



29.3762, 27.6542, 29.1850



7.7340, 7.6235, 8.9165



14.4279, 7.1799, 12.3309



0.3733, 0.1836, 0.4172

Previews

White Background



This preview shows how the XYZ color 28.9779, 34.5820, 32.3418 looks on a white background.

Color Contrast Check

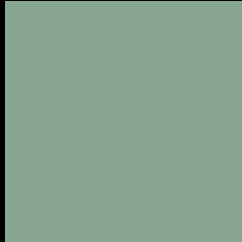
Large Text (above 18pt) WCAG AA × Fail

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 28.9779, 34.5820, 32.3418 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 28.9779, 34.5820, 32.3418

Background



This preview shows how black text looks on a background with the XYZ color 28.9779, 34.5820, 32.3418.



This preview shows how white text looks on a background with the XYZ color 28.9779, 34.5820,

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

28.9779, 34.5820, 32.3418

Protanopia

32.6264, 34.4060, 30.5126

Deuteranopia

34.9475, 34.2995, 33.2123



Tritanopia

31.6427, 34.5985, 45.5679

Trichromacy



Original Color

28.9779, 34.5820, 32.3418

Protanomaly

31.0292, 34.3429, 30.9800

Deuteranomaly

32.4724, 34.2732, 32.9209

Tritanomaly

30.4455, 34.3637, 40.1502

Monochromacy



Original Color

28.9779, 34.5820, 32.3418

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

30.2784, 33.3592, 34.5489

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.9779, 34.5820, 32.3418 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(136, 166, 146)` looks like.

```
.text, #text, p{  
    color:rgb(136, 166, 146)  
}
```

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(136, 166, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 166, 146) }
```

Border

The CSS property to change the border of an element to XYZ 28.9779, 34.5820, 32.3418 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(136, 166, 146) }
```


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

```
.border{ border-color:rgb(136, 166, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 166, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 166, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 166, 146);  
box-shadow:4px 4px 4px 4px rgb(136, 166,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 28.9779, 34.5820, 32.3418 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 166, 146) }
```

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

```
.background{ background-color: rgb(136,  
166, 146) }
```

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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