

Converting Colors

XYZ(29.3177, 34.9728, 34.9110)

Have a look what the booklet for
XYZ(29.3177, 34.9728, 34.9110)
contains.

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Color

**XYZ(29.3177, 34.9728,
34.9110)**

Conversions

Conversions Part 1

Format	Color
Hex	86A798
RGB	134, 167, 152
RGB Percent	53%, 65%, 60%
CMY	0.4745, 0.3451, 0.4039
CMYK	0.20, 0.00, 0.09, 0.35
HSL	153°, 16%, 59%
HSV	153°, 20%, 65%
XYZ	29.3177, 34.9728, 34.9110
YIQ	155.4230, -14.8530, -11.6610

Conversions

Conversions Part 2

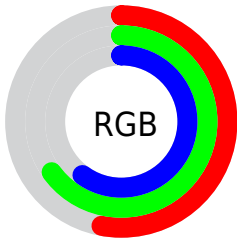
Format	Color
RYB	134, 155, 167
Decimal	8824728
CIELab	65.73, -14.44, 4.02
CIELCh	66, 14.991, 164.438
Yxy	34.9728, 0.2955, 0.3525
Android (android.graphics.Color)	4287014808 (0xFF86A798)
YUV	155.4230, -1.6875, -18.7880
Hunter-Lab	59.1378, -14.9994, 6.3956

Details

The XYZ color **29.3177, 34.9728, 34.9110** is a light color, and the websafe version is hex **669999**. A complement of this color would be **29.8875, 27.4364, 32.1557**, and the grayscale version is **31.3559, 32.9889, 35.9249**.

A 20% lighter version of the original color is **58.0009, 67.3901, 68.3431**, and **12.1359, 15.0859, 14.5842** is the 20% darker color. If you saturate the color by 10%, you get **26.2614, 33.4677, 31.6258**, and if you desaturate by 10%, it is **32.8361, 36.7134, 38.4271**.

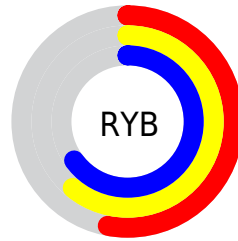
Distribution



Red (53%)

Green (65%)

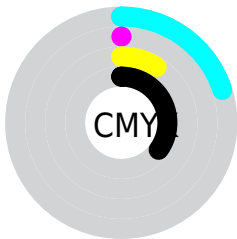
Blue (60%)



Red (53%)

Yellow (61%)

Blue (65%)

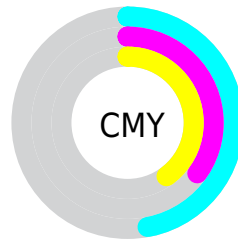


Cyan (20%)

Magenta (0%)

Yellow (9%)

Black (35%)



Cyan (47%)

Magenta (35%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.3177, 34.9728, 34.9110 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 29.3177, 34.9728, 34.9110 by changing the saturation by 10% instead.

■ 29.3177, 34.9728,
34.9110

■ 29.3177, 34.9728,
34.9110

290.6782,
324.4483, 339.0676

■ 19.4668, 23.6419,
23.3113

■ 57.9755, 67.4436,
68.4979

■ 12.1140, 15.0682,
14.6161

■ 77.5132, 89.3524,
91.3222

■ 6.8941, 8.8673,
8.4068

■ 101.0104,
115.5559, 118.7250

■ 3.4417, 4.6547,
4.2648

128.8326,
146.4385, 151.1251

■ 1.3914, 2.0461,
1.7717

161.3452,
182.3846, 188.9408

■ 0.2501, 0.6341,
0.4092

198.9134,

■ 0.0000, 0.0000,

223.7787, 232.5908

0.0000

241.9026,
271.0051, 282.4936

■ 29.3177, 34.9728,
34.9110

■ 29.3177, 34.9728,
34.9110

■ 26.2614, 33.4677,
31.6258

■ 32.8361, 36.7134,
38.4271

■ 23.6439, 32.1834,
28.5644

■ 36.8329, 38.6950,
42.1764

■ 21.4441, 31.1100,
25.7225

■ 41.3269, 40.9281,
46.1641

■ 19.6381, 30.2353,
23.0948

■ 46.3353, 43.4216,
50.3947

■ 18.1993, 29.5456,
20.6761

■ 51.8742, 46.1836,
54.8723

■ 17.0975, 29.0255,
18.4604

■ 57.9592, 49.2222,
59.6012

■ 16.2978, 28.6571,
16.4416

■ 64.6051, 52.5448,
64.5852

■ 15.7243, 28.4013,
14.6115

■ 67.0360, 53.6894,
69.6043

■ 15.7115, 28.3956,
14.5701

■ 68.0209, 54.0834,
74.7910

Harmonies

Analogous

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



30.3570, 34.9728, 30.0440



29.3177, 34.9728, 34.9110



29.2979, 34.9728, 41.1909

Triad

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



29.3177, 34.9728, 34.9110



34.3100, 34.9728, 51.1038



36.3637, 34.9728, 30.1881

Complementary

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



29.3177, 34.9728, 34.9110



29.8875, 27.4364, 32.1557

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.



37.5220, 34.9728, 35.1287



29.3177, 34.9728, 34.9110



36.3012, 34.9728, 47.4333

Square

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



29.3177, 34.9728, 34.9110



32.1150, 34.9728, 51.0287



37.4987, 34.9728, 41.4340



34.3922, 34.9728, 27.5301

Rectangle

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



29.3177, 34.9728, 34.9110



29.8620, 34.9728, 45.3745



37.4987, 34.9728, 41.4340



36.8649, 34.9728, 31.6115

Sweetspot

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



29.3187, 34.9743, 34.9118



61.3180, 66.9933, 71.2209



30.5905, 35.7875, 27.8500



13.6247, 14.9437, 15.8459



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.



29.3187, 34.9743, 34.9118



49.8465, 61.3222, 59.7214



30.4258, 35.0960, 41.7316



7.6015, 8.4736, 8.8874



12.0470, 21.7376, 11.2802



0.3184, 0.5390, 0.4077

Inverse Universe

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



29.8875, 27.4364, 32.1557



51.0653, 45.1735, 53.8184



28.9184, 27.2933, 26.2986



7.6676, 7.5969, 8.5667



13.2148, 6.6946, 5.9425



0.3475, 0.1733, 0.2814

Previews

White Background



This preview shows how the XYZ color 29.3177, 34.9728, 34.9110 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 29.3177, 34.9728, 34.9110 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

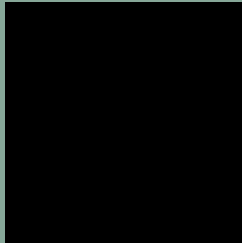
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 29.3177, 34.9728, 34.9110

Background



This preview shows how black text looks on a background with the XYZ color 29.3177, 34.9728, 34.9110.

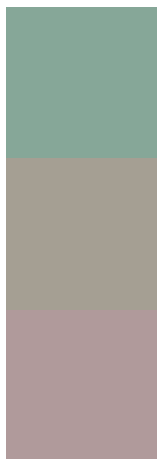


This preview shows how white text looks on a background with the XYZ color 29.3177, 34.9728,

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

29.3177, 34.9728, 34.9110

Protanopia

33.1816, 34.9022, 32.5917

Deuteranopia

35.3765, 34.7079, 35.8451



Tritanopia

31.5811, 34.8179, 46.1303

Trichromacy



Original Color

29.3177, 34.9728, 34.9110

Protanomaly

31.6716, 34.8806, 33.4971

Deuteranomaly

32.9288, 34.7064, 35.5353

Tritanomaly

30.5670, 34.6593, 41.6381

Monochromacy



Original Color

29.3177, 34.9728, 34.9110

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

30.2635, 33.3324, 35.4106

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.3177, 34.9728, 34.9110 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(134, 167, 152)` looks like.

```
.text, #text, p{  
    color:rgb(134, 167, 152)  
}
```

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(134, 167, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 167, 152) }
```

Border

The CSS property to change the border of an element to XYZ 29.3177, 34.9728, 34.9110 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(134, 167, 152) }
```


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

```
.border{ border-color:rgb(134, 167, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 167, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 167, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 167, 152);  
box-shadow:4px 4px 4px 4px rgb(134, 167,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 29.3177, 34.9728, 34.9110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 167, 152) }
```

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

```
.background{ background-color: rgb(134,  
167, 152) }
```

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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