

Converting Colors

XYZ(29.2904, 33.0524, 35.5792)

Have a look what the booklet for
XYZ(29.2904, 33.0524, 35.5792)
contains.

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Color

**XYZ(29.2188, 33.0502,
35.4112)**

Conversions

Conversions Part 1

Format	Color
Hex	8CA09A
RGB	140, 160, 154
RGB Percent	55%, 63%, 60%
CMY	0.4510, 0.3725, 0.3961
CMYK	0.13, 0.00, 0.04, 0.37
HSL	162°, 10%, 59%
HSV	162°, 13%, 63%
XYZ	29.2188, 33.0502, 35.4112
YIQ	153.3360, -9.9940, -6.1060

Conversions

Conversions Part 2

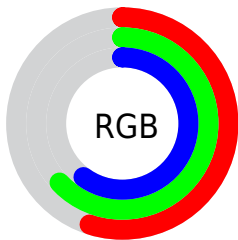
Format	Color
RYB	140, 152, 160
Decimal	9216154
CIELab	64.20, -8.24, 0.74
CIELCh	64, 8.278, 174.870
Yxy	33.0502, 0.2991, 0.3384
Android (android.graphics.Color)	4287406234 (0xFF8CA09A)
YUV	153.3360, 0.3274, -11.6957
Hunter-Lab	57.4893, -9.8841, 3.7222

Details

The XYZ color **29.2188, 33.0502, 35.4112** is a light color, and the websafe version is hex **999999**. A complement of this color would be **29.0648, 28.3060, 31.1274**, and the grayscale version is **30.4272, 32.0118, 34.8608**.

A 20% lighter version of the original color is **57.9337, 64.6243, 69.0948**, and **12.1333, 14.0902, 14.9122** is the 20% darker color. If you saturate the color by 10%, you get **26.3246, 31.6044, 33.2302**, and if you desaturate by 10%, it is **32.5230, 34.7073, 37.6963**.

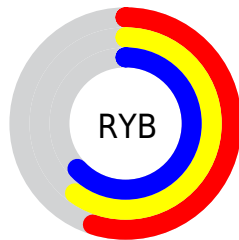
Distribution



Red (55%)

Green (63%)

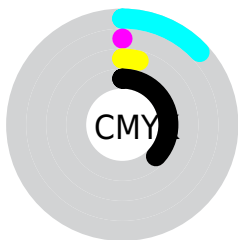
Blue (60%)



Red (55%)

Yellow (60%)

Blue (63%)

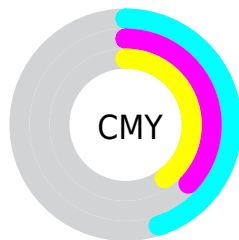


Cyan (13%)

Magenta (0%)

Yellow (4%)

Black (37%)



Cyan (45%)

Magenta (37%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.2188, 33.0502, 35.4112 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 29.2188, 33.0502, 35.4112 by changing the saturation by 10% instead.

■ 29.2188, 33.0502,
35.4112

■ 29.2188, 33.0502,
35.4112

290.2215,
315.8759, 341.3389

■ 19.3915, 22.1649,
23.6937

■ 57.8197, 64.4539,
69.2811

■ 12.0592, 13.9781,
14.8965

■ 77.3240, 85.7411,
92.2705

■ 6.8565, 8.1054,
8.6009

■ 100.7847,
111.2644, 119.8544

■ 3.4180, 4.1625,
4.3886

128.5672,
141.4081, 152.4513

■ 1.3785, 1.7649,
1.8409

161.0367,
176.5568, 190.4796

■ 0.2408, 0.4651,
0.4547

198.5587,

■ 0.0000, 0.0000,

217.0947, 234.3579

0.0000

241.4985,
263.4062, 284.5048

■ 29.2188, 33.0502,
35.4112

■ 29.2188, 33.0502,
35.4112

■ 26.3246, 31.6044,
33.2302

■ 32.5230, 34.7073,
37.6963

■ 23.8204, 30.3569,
31.1494

■ 36.2503, 36.5798,
40.0849

■ 21.6890, 29.2998,
29.1676

■ 40.4169, 38.6769,
42.5795

■ 19.9107, 28.4229,
27.2829

■ 45.0370, 41.0058,
45.1816

■ 18.4637, 27.7151,
25.4932

■ 50.1244, 43.5737,
47.8929

■ 17.3241, 27.1639,
23.7965

■ 55.6922, 46.3874,
50.7147

■ 16.4642, 26.7553,
22.1904

■ 61.7531, 49.4532,
53.6486

■ 15.8516, 26.4724,
20.6722

■ 63.3718, 50.2270,
56.4644

■ 15.4954, 26.3125,
19.5880

■ 63.9141, 50.4440,
59.3206

Harmonies

Analogous

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



29.6036, 33.0502, 32.3937



29.2188, 33.0502, 35.4112



29.4100, 33.0502, 38.7730

Triad

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



29.2188, 33.0502, 35.4112



32.3719, 33.0502, 42.1738



32.7298, 33.0502, 30.9550

Complementary

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



29.2188, 33.0502, 35.4112



29.0648, 28.3060, 31.1274

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.



33.5054, 33.0502, 33.3359



29.2188, 33.0502, 35.4112



33.2952, 33.0502, 39.8346

Square

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



29.2188, 33.0502, 35.4112



31.2119, 33.0502, 42.8144



33.7149, 33.0502, 36.5671



31.6155, 33.0502, 29.9253

Rectangle

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



29.2188, 33.0502, 35.4112



29.8409, 33.0502, 40.7408



33.7149, 33.0502, 36.5671



33.0398, 33.0502, 31.6164

Sweetspot

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



29.2197, 33.0516, 35.4119



58.0539, 62.5159, 67.7761



29.2190, 33.1782, 29.6755



12.6340, 13.6615, 14.7981



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.



29.2197, 33.0516, 35.4119



51.5132, 59.2392, 63.1717



29.1060, 32.0038, 37.9027



6.7370, 7.4755, 8.0495



12.0902, 20.5040, 15.3637



0.2338, 0.3737, 0.3676

Inverse Universe

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



29.0648, 28.3060, 31.1274



51.1759, 48.8995, 53.8377



29.1548, 29.2137, 28.9137



6.7109, 6.6773, 7.3288



11.7264, 5.9951, 2.8105



0.2271, 0.1142, 0.1419

Previews

White Background



This preview shows how the XYZ color 29.2188, 33.0502, 35.4112 looks on a white background.

Color Contrast Check

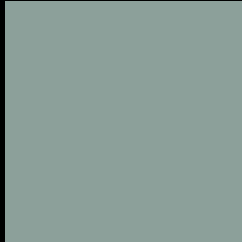
Large Text (above 18pt) WCAG AA × Fail

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 29.2188, 33.0502, 35.4112 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

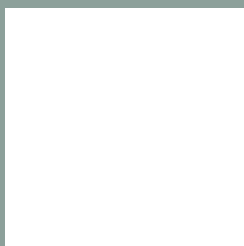
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.2188, 33.0502, 35.4112

Background



This preview shows how black text looks on a background with the XYZ color 29.2188, 33.0502, 35.4112.

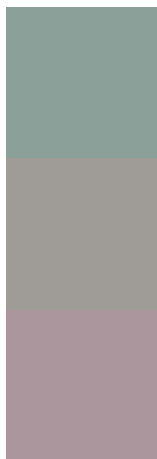


This preview shows how white text looks on a background with the XYZ color 29.2188, 33.0502,

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

29.2188, 33.0502, 35.4112

Protanopia

31.6053, 33.0480, 33.9913

Deuteranopia

33.4847, 32.7590, 36.0108



Tritanopia

30.8103, 33.1956, 42.8137

Trichromacy



Original Color

29.2188, 33.0502, 35.4112

Protanomaly

30.6734, 33.0563, 34.4696

Deuteranomaly

31.7701, 32.8487, 35.6763

Tritanomaly

30.2543, 33.2274, 39.9409

Monochromacy



Original Color

29.2188, 33.0502, 35.4112

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

29.8510, 32.3727, 34.8122

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.2188, 33.0502, 35.4112 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, 160, 154)` looks like.

```
.text, #text, p{  
    color:rgb(140, 160, 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(140, 160, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 160, 154) }
```

Border

The CSS property to change the border of an element to XYZ 29.2188, 33.0502, 35.4112 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, 160, 154) }
```


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

```
.border{ border-color:rgb(140, 160, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 160, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 160, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 160, 154);  
box-shadow:4px 4px 4px 4px rgb(140, 160,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 29.2188, 33.0502, 35.4112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 160, 154) }
```

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

```
.background{ background-color: rgb(140,  
160, 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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