

Converting Colors

XYZ(29.5908, 33.2916, 44.9107)

Have a look what the booklet for
XYZ(29.5908, 33.2916, 44.9107)
contains.

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Color

**XYZ(29.5908, 33.2916,
44.9107)**

Conversions

Conversions Part 1

Format	Color
Hex	82A1AE
RGB	130, 161, 174
RGB Percent	51%, 63%, 68%
CMY	0.4902, 0.3686, 0.3176
CMYK	0.25, 0.07, 0.00, 0.32
HSL	198°, 21%, 60%
HSV	198°, 25%, 68%
XYZ	29.5908, 33.2916, 44.9107
YIQ	153.2130, -22.6490, -2.5290

Conversions

Conversions Part 2

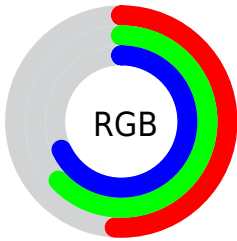
Format	Color
RYB	130, 148, 174
Decimal	8561070
CIELab	64.40, -7.66, -10.26
CIELCh	64, 12.805, 233.267
Yxy	33.2916, 0.2745, 0.3088
Android (android.graphics.Color)	4286751150 (0xFF82A1AE)
YUV	153.2130, 10.2480, -20.3578
Hunter-Lab	57.6989, -9.4295, -5.7600

Details

The XYZ color **29.5908, 33.2916, 44.9107** is a light color, and the websafe version is hex **669999**. A complement of this color would be **31.3077, 30.2555, 25.3097**, and the grayscale version is **30.3357, 31.9155, 34.7560**.

A 20% lighter version of the original color is **58.4659, 64.9592, 83.5856**, and **12.2059, 14.0047, 20.4722** is the 20% darker color. If you saturate the color by 10%, you get **26.2646, 30.2715, 44.5036**, and if you desaturate by 10%, it is **33.4073, 36.6210, 45.3527**.

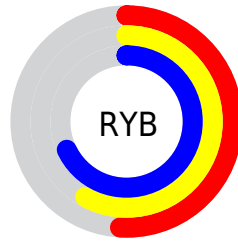
Distribution



Red (51%)

Green (63%)

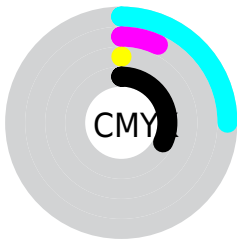
Blue (68%)



Red (51%)

Yellow (58%)

Blue (68%)

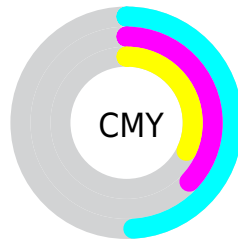


Cyan (25%)

Magenta (7%)

Yellow (0%)

Black (32%)



Cyan (49%)

Magenta (37%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.5908, 33.2916, 44.9107 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 29.5908, 33.2916, 44.9107 by changing the saturation by 10% instead.

■ 29.5908, 33.2916,
44.9107

■ 29.5908, 33.2916,
44.9107

291.9366,
316.9617, 382.5613

■ 19.6747, 22.3499,
31.0447

■ 58.4055, 64.8305,
83.9034

■ 12.2657, 14.1142,
20.3741

■ 78.0349, 86.1966,
109.8672

■ 6.9984, 8.2002,
12.4805

■ 101.6327,
111.8062, 140.7006

■ 3.5074, 4.2233,
6.9453

129.5644,
142.0437, 176.8222

■ 1.4274, 1.7992,
3.3500

162.1953,
177.2937, 218.6505

■ 0.2756, 0.4867,
1.2760

199.8907,

■ 0.0000, 0.0000,

217.9404, 266.6041

0.0420

243.0160,
264.3682, 321.1016

■ 0.0000, 0.0000,
0.0000

■ 29.5908, 33.2916,
44.9107

■ 29.5908, 33.2916,
44.9107

■ 26.2646, 30.2715,
44.5036

■ 33.4073, 36.6210,
45.3527

■ 23.4025, 27.5439,
44.1280

■ 37.7326, 40.2673,
45.8286

■ 20.9805, 25.0968,
43.7833

■ 42.5879, 44.2429,
46.3400

■ 18.9708, 22.9151,
43.4681

■ 47.9923, 48.5583,
46.8882

■ 17.3427, 20.9821,
43.1808

■ 53.9638, 53.2234,
47.4739

■ 16.0602, 19.2789,
42.9197

■ 60.5197, 58.2477,
48.0981

■ 15.0792, 17.7818,
42.6824

■ 67.6764, 63.6402,
48.7618

■ 14.6734, 17.1228,
42.5766

■ 70.0299, 66.6156,
49.2121

■ 71.2571, 69.0701,
49.6211

Harmonies

Analogous

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



28.5284, 33.2916, 40.3638



29.5908, 33.2916, 44.9107



31.2332, 33.2916, 47.1686

Triad

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



29.5908, 33.2916, 44.9107



35.2556, 33.2916, 37.4394



30.2772, 33.2916, 27.7812

Complementary

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



29.5908, 33.2916, 44.9107



31.3077, 30.2555, 25.3097

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.



32.0557, 33.2916, 27.1597



29.5908, 33.2916, 44.9107



34.9757, 33.2916, 32.4236

Square

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



29.5908, 33.2916, 44.9107



34.5379, 33.2916, 42.5952



33.7873, 33.2916, 28.7792



28.9139, 33.2916, 30.5665

Rectangle

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



29.5908, 33.2916, 44.9107



32.4545, 33.2916, 46.9320



33.7873, 33.2916, 28.7792



30.8445, 33.2916, 27.3240

Sweetspot

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



29.5918, 33.2929, 44.9115



66.1061, 71.0917, 82.8748



29.2603, 36.9856, 31.3728



14.4291, 15.5796, 18.3910



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



29.5918, 33.2929, 44.9115



50.4029, 57.4471, 81.0688



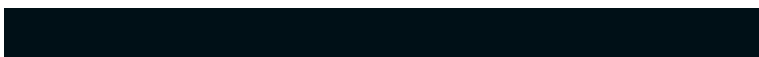
26.1567, 26.4227, 43.7664



8.0335, 8.6664, 10.2021



10.6959, 12.5257, 30.8985



0.3420, 0.4373, 0.8744

Inverse Universe

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



31.8720, 27.5380, 37.3553



55.2803, 45.5697, 64.8093



34.8446, 37.3293, 26.4886



8.2347, 8.1071, 9.5469



15.2625, 7.5675, 14.2934



0.4470, 0.2195, 0.5157

Previews

White Background



This preview shows how the XYZ color 29.5908, 33.2916, 44.9107 looks on a white background.

Color Contrast Check

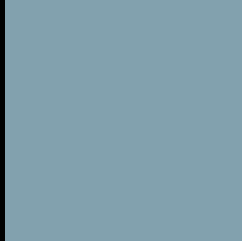
Large Text (above 18pt) WCAG AA × Fail

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 29.5908, 33.2916, 44.9107 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

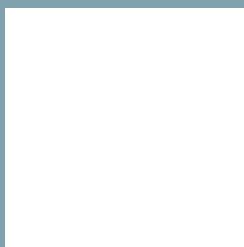
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.5908, 33.2916, 44.9107

Background



This preview shows how black text looks on a background with the XYZ color 29.5908, 33.2916, 44.9107.



This preview shows how white text looks on a background with the XYZ color 29.5908, 33.2916,

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

29.5908, 33.2916, 44.9107

Protanopia

32.3035, 33.2150, 42.7388

Deuteranopia

33.7627, 33.1681, 45.6969



Tritanopia

29.5908, 33.2916, 44.9107

Trichromacy



Original Color

29.5908, 33.2916, 44.9107

Protanomaly

31.0847, 33.0740, 43.2736

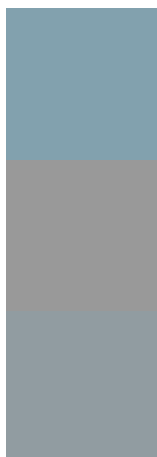
Deuteranomaly

32.0369, 33.0219, 45.2428

Tritanomaly

29.5908, 33.2916, 44.9107

Monochromacy



Original Color

29.5908, 33.2916, 44.9107

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

29.9985, 32.3699, 38.3851

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.5908, 33.2916, 44.9107 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(130, 161, 174)` looks like.

```
.text, #text, p{  
    color:rgb(130, 161, 174)  
}
```

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(130, 161, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 161, 174) }
```

Border

The CSS property to change the border of an element to XYZ 29.5908, 33.2916, 44.9107 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(130, 161, 174) }
```


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

```
.border{ border-color:rgb(130, 161, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 161, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 161, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 161, 174);  
box-shadow:4px 4px 4px 4px rgb(130, 161,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 29.5908, 33.2916, 44.9107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 161, 174) }
```

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

```
.background{ background-color: rgb(130,  
161, 174) }
```

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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