

Converting Colors

XYZ(29.0498, 32.9939, 45.1899)

Have a look what the booklet for
XYZ(29.0498, 32.9939, 45.1899)
contains.

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Color

**XYZ(29.0869, 33.0205,
45.3980)**

Conversions

Conversions Part 1

Format	Color
Hex	7EA1AF
RGB	126, 161, 175
RGB Percent	49%, 63%, 69%
CMY	0.5059, 0.3686, 0.3137
CMYK	0.28, 0.08, 0.00, 0.31
HSL	197°, 23%, 59%
HSV	197°, 28%, 69%
XYZ	29.0869, 33.0205, 45.3980
YIQ	152.1310, -25.3540, -3.0660

Conversions

Conversions Part 2

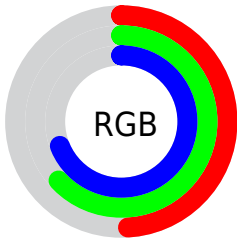
Format	Color
RYB	126, 146, 175
Decimal	8298927
CIELab	64.18, -8.65, -11.18
CIElCh	64, 14.132, 232.262
Yxy	33.0205, 0.2706, 0.3072
Android (android.graphics.Color)	4286489007 (0xFF7EA1AF)
YUV	152.1310, 11.2744, -22.9169
Hunter-Lab	57.4635, -10.2078, -6.6166

Details

The XYZ color **29.0869, 33.0205, 45.3980** is a light color, and the websafe version is hex **669999**. A complement of this color would be **30.8236, 29.3767, 23.7851**, and the grayscale version is **29.8630, 31.4182, 34.2145**.

A 20% lighter version of the original color is **57.8021, 64.5846, 85.0209**, and **11.9454, 13.8632, 20.7852** is the 20% darker color. If you saturate the color by 10%, you get **25.8727, 30.0931, 45.0029**, and if you desaturate by 10%, it is **32.7895, 36.2531, 45.8274**.

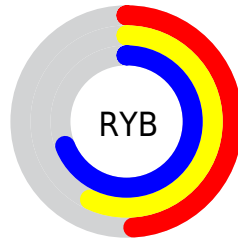
Distribution



Red (49%)

Green (63%)

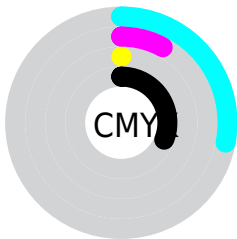
Blue (69%)



Red (49%)

Yellow (57%)

Blue (69%)

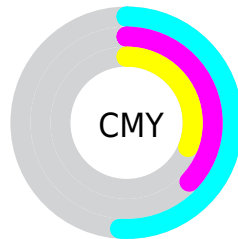


Cyan (28%)

Magenta (8%)

Yellow (0%)

Black (31%)



Cyan (51%)

Magenta (37%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.0869, 33.0205, 45.3980 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 29.0869, 33.0205, 45.3980 by changing the saturation by 10% instead.

■ 29.0869, 33.0205,
45.3980

■ 29.0869, 33.0205,
45.3980

289.6116,
315.7421, 384.5901

■ 19.2912, 22.1422,
31.4258

■ 57.6117, 64.4075,
84.6421

■ 11.9861, 13.9614,
20.6621

■ 77.0715, 85.6850,
110.7511

■ 6.8064, 8.0938,
12.6884

■ 100.4834,
111.1976, 141.7427

■ 3.3865, 4.1550,
7.0861

128.2128,
141.3298, 178.0356

■ 1.3613, 1.7607,
3.4368

160.6249,
176.4660, 220.0483

■ 0.2284, 0.4625,
1.3217

198.0852,

■ 0.0000, 0.0000,

216.9905, 268.1992

0.0795

240.9589,
263.2877, 322.9070

■ 0.0000, 0.0000,
0.0000

■ 29.0869, 33.0205,
45.3980

■ 29.0869, 33.0205,
45.3980

■ 25.8727, 30.0931,
45.0029

■ 32.7895, 36.2531,
45.8274

■ 23.1199, 27.4541,
44.6386

■ 36.9997, 39.7991,
46.2899

■ 20.8035, 25.0907,
44.3045

■ 41.7392, 43.6709,
46.7874

■ 18.8947, 22.9874,
43.9992

■ 47.0276, 47.8793,
47.3210

■ 17.3610, 21.1269,
43.7209

■ 52.8835, 52.4345,
47.8916

■ 16.1645, 19.4891,
43.4678

■ 59.3246, 57.3460,
48.5001

■ 15.2436, 18.0414,
43.2369

■ 66.3676, 62.6231,
49.1475

■ 15.0725, 17.7642,
43.1924

■ 69.8642, 66.1277,
49.6397

■ 71.0487, 68.4967,
50.0345

Harmonies

Analogous

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



27.9548, 33.0205, 40.2950



29.0869, 33.0205, 45.3980



30.8694, 33.0205, 48.0245

Triad

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



29.0869, 33.0205, 45.3980



35.3569, 33.0205, 37.4590



29.9488, 33.0205, 26.6838

Complementary

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



29.0869, 33.0205, 45.3980



30.8236, 29.3767, 23.7851

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.



31.9063, 33.0205, 26.0967



29.0869, 33.0205, 45.3980



35.0848, 33.0205, 31.9360

Square

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



29.0869, 33.0205, 45.3980



34.5294, 33.0205, 43.1339



33.8011, 33.0205, 27.9194



28.4375, 33.0205, 29.6181

Rectangle

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



29.0869, 33.0205, 45.3980



32.2098, 33.0205, 47.8414



33.8011, 33.0205, 27.9194



30.5744, 33.0205, 26.2189

Sweetspot

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



29.0879, 33.0218, 45.3988



66.1529, 71.1854, 82.8904



28.6598, 36.9862, 30.3951



14.4413, 15.6040, 18.3951



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.



29.0879, 33.0218, 45.3988



48.2056, 55.6249, 80.8328



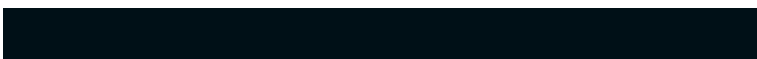
25.2340, 25.3140, 44.1141



8.0401, 8.6795, 10.2043



10.8481, 12.8302, 30.9492



0.3453, 0.4440, 0.8755

Inverse Universe

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



31.5739, 26.6097, 37.1917



53.5433, 42.4708, 63.0739



34.7899, 37.3093, 25.1072



8.2380, 8.1085, 9.5643



15.3393, 7.5983, 14.6980



0.4487, 0.2202, 0.5246

Previews

White Background



This preview shows how the XYZ color 29.0869, 33.0205, 45.3980 looks on a white background.

Color Contrast Check

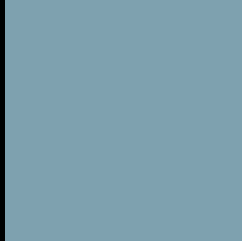
Large Text (above 18pt) WCAG AA × Fail

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 29.0869, 33.0205, 45.3980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

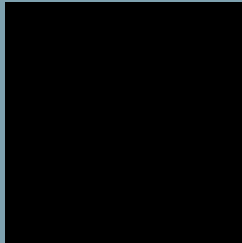
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

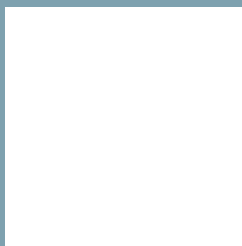
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.0869, 33.0205, 45.3980

Background



This preview shows how black text looks on a background with the XYZ color 29.0869, 33.0205, 45.3980.



This preview shows how white text looks on a background with the XYZ color 29.0869, 33.0205,

45.3980.

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

29.0869, 33.0205, 45.3980

Protanopia

32.0432, 32.8238, 43.1748

Deuteranopia

33.4996, 32.7811, 46.1567



Tritanopia

28.9890, 32.9814, 44.8826

Trichromacy



Original Color

29.0869, 33.0205, 45.3980

Protanomaly

30.8311, 32.9321, 43.7613

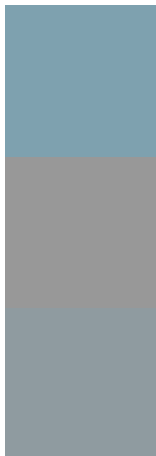
Deuteranomaly

31.7706, 32.8732, 45.7450

Tritanomaly

28.9890, 32.9814, 44.8826

Monochromacy



Original Color

29.0869, 33.0205, 45.3980

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

29.3942, 31.8204, 37.8504

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.0869, 33.0205, 45.3980 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(126, 161, 175)` looks like.

```
.text, #text, p{  
    color:rgb(126, 161, 175)  
}
```

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(126, 161, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 161, 175) }
```

Border

The CSS property to change the border of an element to XYZ 29.0869, 33.0205, 45.3980 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(126, 161, 175) }
```


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

```
.border{ border-color:rgb(126, 161, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 161, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 161, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 161, 175);  
box-shadow:4px 4px 4px 4px rgb(126, 161,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 29.0869, 33.0205, 45.3980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 161, 175) }
```

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

```
.background{ background-color: rgb(126,  
161, 175) }
```

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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