

Converting Colors

XYZ(28.0580, 33.3114, 43.9807)

Have a look what the booklet for
XYZ(28.0580, 33.3114, 43.9807)
contains.

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Color

**XYZ(28.0580, 33.3114,
43.9807)**

Conversions

Conversions Part 1

Format	Color
Hex	75A4AC
RGB	117, 164, 172
RGB Percent	46%, 64%, 67%
CMY	0.5412, 0.3569, 0.3255
CMYK	0.32, 0.05, 0.00, 0.33
HSL	189°, 25%, 57%
HSV	189°, 32%, 67%
XYZ	28.0580, 33.3114, 43.9807
YIQ	150.8590, -30.5800, -7.4760

Conversions

Conversions Part 2

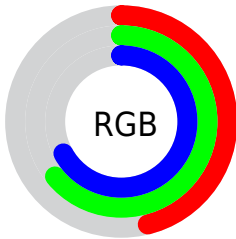
Format	Color
RYB	117, 142, 172
Decimal	7709868
CIELab	64.41, -13.68, -9.20
CIElCh	64, 16.488, 213.917
Yxy	33.3114, 0.2663, 0.3162
Android (android.graphics.Color)	4285899948 (0xFF75A4AC)
YUV	150.8590, 10.4225, -29.6943
Hunter-Lab	57.7160, -14.2273, -4.7789

Details

The XYZ color **28.0580, 33.3114, 43.9807** is a light color, and the websafe version is hex **669999**. A complement of this color would be **27.5583, 24.7226, 20.1499**, and the grayscale version is **29.3222, 30.8492, 33.5948**.

A 20% lighter version of the original color is **55.9912, 64.8670, 82.2426**, and **11.4311, 14.1027, 19.8889** is the 20% darker color. If you saturate the color by 10%, you get **25.5130, 31.3422, 43.7353**, and if you desaturate by 10%, it is **31.0385, 35.5198, 44.2504**.

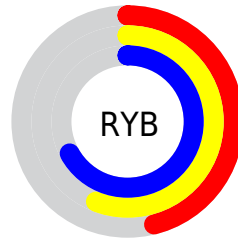
Distribution



Red (46%)

Green (64%)

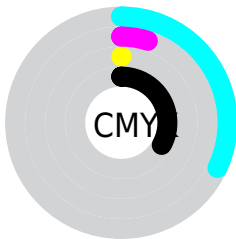
Blue (67%)



Red (46%)

Yellow (56%)

Blue (67%)

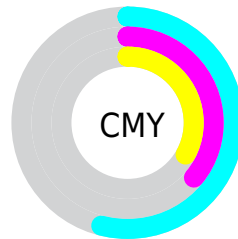


Cyan (32%)

Magenta (5%)

Yellow (0%)

Black (33%)



Cyan (54%)

Magenta (36%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.0580, 33.3114, 43.9807 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 28.0580, 33.3114, 43.9807 by changing the saturation by 10% instead.

■ 28.0580, 33.3114,
43.9807

■ 28.0580, 33.3114,
43.9807

284.8190,
317.0506, 378.6686

■ 18.5101, 22.3651,
30.3183

■ 55.9850, 64.8614,
82.4909

■ 11.4187, 14.1254,
19.8262

■ 75.0948, 86.2339,
108.1757

■ 6.4186, 8.2079,
12.0859

■ 98.1226, 111.8506,
138.7050

■ 3.1443, 4.2283,
6.6790

125.4338,
142.0958, 174.4974

■ 1.2305, 1.8021,
3.1868

157.3936,
177.3541, 215.9714

■ 0.1303, 0.4885,
1.1908

194.3675,

■ 0.0000, 0.0000,

218.0097, 263.5456

0.0000

236.7209,
264.4471, 317.6385

■ 28.0580, 33.3114,
43.9807

■ 28.0580, 33.3114,
43.9807

■ 25.5130, 31.3422,
43.7353

■ 31.0385, 35.5198,
44.2504

■ 23.3770, 29.5960,
43.5108

■ 34.4729, 37.9746,
44.5432

■ 21.6256, 28.0610,
43.3069

■ 38.3825, 40.6875,
44.8608

■ 20.2302, 26.7224,
43.1220

■ 42.7861, 43.6684,
45.2041

■ 19.1583, 25.5633,
42.9548

■ 47.7014, 46.9265,
45.5739

■ 18.3713, 24.5638,
42.8034

■ 53.1456, 50.4706,
45.9711

■ 17.8784, 23.8424,
42.6901

■ 59.1347, 54.3091,
46.3963

■ 65.6841, 58.4501,
46.8504

■ 66.3541, 59.5737,
47.0320

Harmonies

Analogous

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



27.3642, 33.3114, 37.1616



28.0580, 33.3114, 43.9807



29.7161, 33.3114, 49.1784

Triad

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



28.0580, 33.3114, 43.9807



35.8955, 33.3114, 42.2626



31.3538, 33.3114, 24.8316

Complementary

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



28.0580, 33.3114, 43.9807



27.5583, 24.7226, 20.1499

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.



33.6899, 33.3114, 25.8453



28.0580, 33.3114, 43.9807



36.3866, 33.3114, 35.3937

Square

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



28.0580, 33.3114, 43.9807



34.2502, 33.3114, 48.1035



35.5610, 33.3114, 29.5185



29.2066, 33.3114, 26.5569

Rectangle

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



28.0580, 33.3114, 43.9807



31.1851, 33.3114, 50.7194



35.5610, 33.3114, 29.5185



32.1427, 33.3114, 24.8647

Sweetspot

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



28.0590, 33.3127, 43.9815



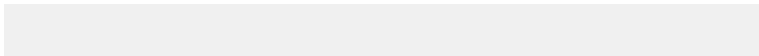
63.7477, 69.7396, 80.9070



25.7486, 34.7513, 24.5309



13.6547, 15.0163, 17.5664



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



28.0590, 33.3127, 43.9815



47.7211, 57.9902, 79.4838



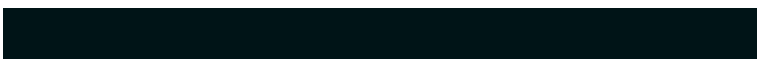
23.7527, 24.7000, 42.5460



8.1356, 8.8706, 10.2361



13.3352, 17.8043, 31.7782



0.3975, 0.5484, 0.8929

Inverse Universe

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



30.0762, 24.1744, 38.2044



51.9994, 39.1671, 67.1063



31.4260, 32.4582, 21.4392



8.2862, 8.1277, 9.8182



16.5946, 8.1004, 21.3086



0.4750, 0.2307, 0.6634

Previews

White Background



This preview shows how the XYZ color 28.0580, 33.3114, 43.9807 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 28.0580, 33.3114, 43.9807 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

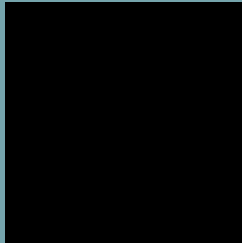
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 28.0580, 33.3114, 43.9807

Background



This preview shows how black text looks on a background with the XYZ color 28.0580, 33.3114, 43.9807.



This preview shows how white text looks on a background with the XYZ color 28.0580, 33.3114,

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

28.0580, 33.3114, 43.9807

Protanopia

32.1218, 33.1644, 40.7848

Deuteranopia

33.8664, 33.2330, 45.1871



Tritanopia

28.4049, 33.1805, 45.9817

Trichromacy



Original Color

28.0580, 33.3114, 43.9807

Protanomaly

30.2792, 32.9436, 41.8087

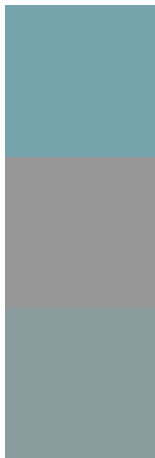
Deuteranomaly

31.3825, 32.9439, 44.7492

Tritanomaly

28.3063, 33.1411, 45.4624

Monochromacy



Original Color

28.0580, 33.3114, 43.9807

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

28.7939, 31.7691, 37.4153

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.0580, 33.3114, 43.9807 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(117, 164, 172)` looks like.

```
.text, #text, p{  
    color:rgb(117, 164, 172)  
}
```

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(117, 164, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 164, 172) }
```

Border

The CSS property to change the border of an element to XYZ 28.0580, 33.3114, 43.9807 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(117, 164, 172) }
```


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

```
.border{ border-color:rgb(117, 164, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 164, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 164, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 164, 172);  
box-shadow:4px 4px 4px 4px rgb(117, 164,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 28.0580, 33.3114, 43.9807 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 164, 172) }
```

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

```
.background{ background-color: rgb(117,  
164, 172) }
```

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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