

Converting Colors

XYZ(28.4806, 33.5609, 45.7242)

Have a look what the booklet for
XYZ(28.4806, 33.5609, 45.7242)
contains.

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Color

**XYZ(28.3494, 33.4280,
45.5155)**

Conversions

Conversions Part 1

Format	Color
Hex	75A4AF
RGB	117, 164, 175
RGB Percent	46%, 64%, 69%
CMY	0.5412, 0.3568, 0.3137
CMYK	0.33, 0.06, 0.00, 0.31
HSL	191°, 27%, 57%
HSV	191°, 33%, 69%
XYZ	28.3494, 33.4280, 45.5155
YIQ	151.2010, -31.5430, -6.5430

Conversions

Conversions Part 2

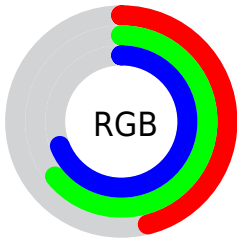
Format	Color
RYB	117, 143, 175
Decimal	7709871
CIELab	64.51, -12.94, -10.74
CIElCh	65, 16.814, 219.693
Yxy	33.4280, 0.2642, 0.3116
Android (android.graphics.Color)	4285899951 (0xFF75A4AF)
YUV	151.2010, 11.7329, -29.9943
Hunter-Lab	57.8170, -13.6557, -6.2033

Details

The XYZ color **28.3494, 33.4280, 45.5155** is a light color, and the websafe version is hex **669999**. A complement of this color would be **28.6096, 25.8368, 20.3094**, and the grayscale version is **29.4632, 30.9976, 33.7564**.

A 20% lighter version of the original color is **56.5499, 65.0905, 85.1845**, and **11.6161, 14.1767, 20.8630** is the 20% darker color. If you saturate the color by 10%, you get **25.6284, 31.1559, 45.2209**, and if you desaturate by 10%, it is **31.5274, 35.9603, 45.8374**.

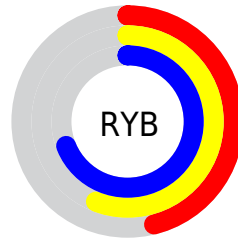
Distribution



Red (46%)

Green (64%)

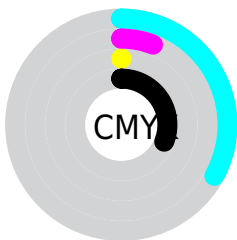
Blue (69%)



Red (46%)

Yellow (56%)

Blue (69%)

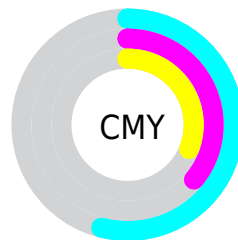


Cyan (33%)

Magenta (6%)

Yellow (0%)

Black (31%)



Cyan (54%)

Magenta (36%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.3494, 33.4280, 45.5155 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 28.3494, 33.4280, 45.5155 by changing the saturation by 10% instead.

■ 28.3494, 33.4280,
45.5155

■ 28.3494, 33.4280,
45.5155

286.1826,
317.5739, 385.0782

■ 18.7310, 22.4545,
31.5178

■ 56.4465, 65.0432,
84.8201

■ 11.5789, 14.1913,
20.7317

■ 75.6560, 86.4536,
110.9640

■ 6.5278, 8.2538,
12.7387

■ 98.7932, 112.1119,
141.9937

■ 3.2123, 4.2578,
7.1202

126.2235,
142.4024, 178.3277

■ 1.2670, 1.8188,
3.4578

158.3122,
177.7094, 220.3847

■ 0.1583, 0.4988,
1.3329

195.4247,

■ 0.0000, 0.0000,

218.4174, 268.5830

0.0885

237.9264,
264.9108, 323.3414

■ 0.0000, 0.0000,
0.0000

■ 28.3494, 33.4280,
45.5155

■ 28.3494, 33.4280,
45.5155

■ 25.6284, 31.1559,
45.2209

■ 31.5274, 35.9603,
45.8374

■ 23.3369, 29.1273,
44.9501

■ 35.1823, 38.7608,
46.1853

■ 21.4486, 27.3292,
44.7026

■ 39.3362, 41.8419,
46.5611

■ 19.9335, 25.7459,
44.4768

■ 44.0090, 45.2140,
46.9657

■ 18.7568, 24.3594,
44.2712

■ 49.2195, 48.8870,
47.4000

■ 17.8770, 23.1481,
44.0838

■ 54.9855, 52.8703,
47.8649

■ 17.3838, 22.3869,
43.9629

■ 61.3242, 57.1727,
48.3613

■ 67.5108, 61.4209,
48.8552

■ 68.2405, 62.8803,
49.0984

Harmonies

Analogous

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



27.4338, 33.4280, 38.6702



28.3494, 33.4280, 45.5155



30.1963, 33.4280, 50.2648

Triad

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



28.3494, 33.4280, 45.5155



36.3035, 33.4280, 41.1834



31.0010, 33.4280, 24.8542

Complementary

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



28.3494, 33.4280, 45.5155



28.6096, 25.8368, 20.3094

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.



33.4022, 33.4280, 25.3485



28.3494, 33.4280, 45.5155



36.5457, 33.4280, 34.2155

Square

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



28.3494, 33.4280, 45.5155



34.8142, 33.4280, 47.5532



35.4602, 33.4280, 28.5864



28.9130, 33.4280, 27.1389

Rectangle

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



28.3494, 33.4280, 45.5155



31.7476, 33.4280, 51.2909



35.4602, 33.4280, 28.5864



31.7970, 33.4280, 24.7082

Sweetspot

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



28.3504, 33.4293, 45.5163



65.1234, 71.0034, 82.9095



26.5389, 35.9913, 25.8447



14.2542, 15.6166, 18.4074



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.



28.3504, 33.4293, 45.5163



47.0207, 56.7548, 81.1134



23.7898, 24.3082, 43.9961



8.1053, 8.8100, 10.2260



12.4912, 16.1164, 31.4969



0.3803, 0.5139, 0.8871

Inverse Universe

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



30.7421, 24.5176, 38.2356



52.0909, 38.6190, 65.5093



32.8857, 34.3890, 21.7347



8.2710, 8.1216, 9.7377



16.1686, 7.9300, 19.0653



0.4663, 0.2272, 0.6175

Previews

White Background



This preview shows how the XYZ color 28.3494, 33.4280, 45.5155 looks on a white background.

Color Contrast Check

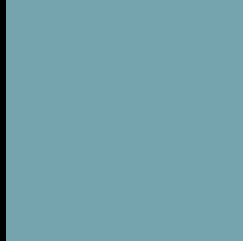
Large Text (above 18pt) WCAG AA × Fail

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 28.3494, 33.4280, 45.5155 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

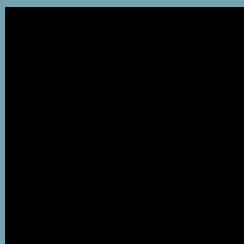
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

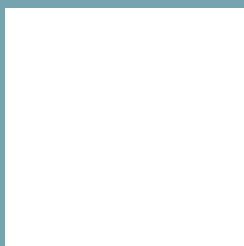
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.3494, 33.4280, 45.5155

Background



This preview shows how black text looks on a background with the XYZ color 28.3494, 33.4280, 45.5155.



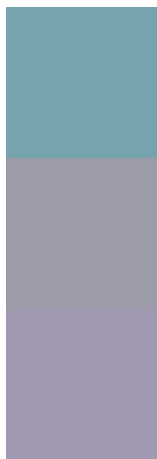
This preview shows how white text looks on a background with the XYZ color 28.3494, 33.4280,

45.5155.

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

28.3494, 33.4280, 45.5155

Protanopia

32.4003, 33.2758, 42.2513

Deuteranopia

33.9621, 33.2479, 46.7470



Tritanopia

28.5474, 33.5072, 46.5579

Trichromacy



Original Color

28.3494, 33.4280, 45.5155

Protanomaly

30.5621, 33.0567, 43.2979

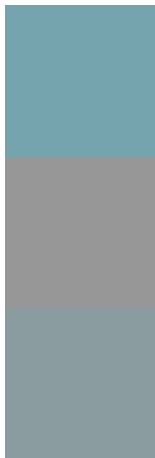
Deuteranomaly

31.5013, 32.9710, 46.2987

Tritanomaly

28.4481, 33.4674, 46.0348

Monochromacy



Original Color

28.3494, 33.4280, 45.5155

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

28.8811, 31.8040, 37.8743

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.3494, 33.4280, 45.5155 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, 175)` looks like.

```
.text, #text, p{  
    color:rgb(117, 164, 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(117, 164, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 164, 175) }
```

Border

The CSS property to change the border of an element to XYZ 28.3494, 33.4280, 45.5155 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, 175) }
```


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

```
.border{ border-color:rgb(117, 164, 175) }
```

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, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 164, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 164, 175);  
box-shadow:4px 4px 4px 4px rgb(117, 164,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 28.3494, 33.4280, 45.5155 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, 175) }
```

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

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