

Converting Colors

XYZ(28.8799, 30.4443, 54.8063)

Have a look what the booklet for
XYZ(28.8799, 30.4443, 54.8063)
contains.

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Color

**XYZ(28.8799, 30.4443,
54.8063)**

Conversions

Conversions Part 1

Format	Color
Hex	7A98C1
RGB	122, 152, 193
RGB Percent	48%, 60%, 76%
CMY	0.5216, 0.4039, 0.2431
CMYK	0.37, 0.21, 0.00, 0.24
HSL	215°, 36%, 62%
HSV	215°, 37%, 76%
XYZ	28.8799, 30.4443, 54.8063
YIQ	147.7040, -31.0410, 6.3910

Conversions

Conversions Part 2

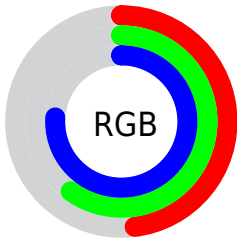
Format	Color
R_{YB}	122, 143, 193
Decimal	8034497
CIE _{Lab}	62.04, -0.22, -24.55
CIE _{LCh}	62, 24.551, 269.489
Yxy	30.4443, 0.2530, 0.2667
Android (android.graphics.Color)	4286224577 (0xFF7A98C1)
YUV	147.7040, 22.3309, -22.5424
Hunter-Lab	55.1764, -3.1298, -20.2689

Details

The XYZ color **28.8799, 30.4443, 54.8063** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **38.6030, 38.9376, 23.8944**, and the grayscale version is **27.9452, 29.4005, 32.0171**.

A 20% lighter version of the original color is **57.2311, 60.2748, 99.0603**, and **11.8397, 12.4735, 26.2097** is the 20% darker color. If you saturate the color by 10%, you get **24.6892, 25.7242, 54.1166**, and if you desaturate by 10%, it is **33.7853, 35.7865, 55.5794**.

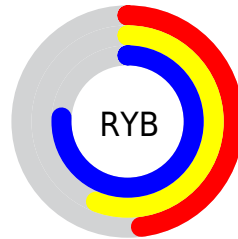
Distribution



Red (48%)

Green (60%)

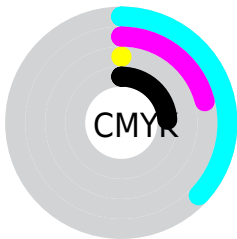
Blue (76%)



Red (48%)

Yellow (56%)

Blue (76%)

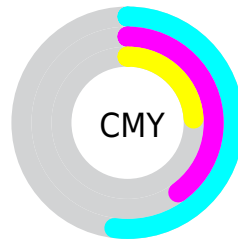


Cyan (37%)

Magenta (21%)

Yellow (0%)

Black (24%)



Cyan (52%)

Magenta (40%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.8799, 30.4443, 54.8063 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 28.8799, 30.4443, 54.8063 by changing the saturation by 10% instead.

■ 28.8799, 30.4443,
54.8063

■ 28.8799, 30.4443,
54.8063

288.6523,
303.9700, 422.4385

■ 19.1338, 20.1761,
38.8491

■ 57.2851, 60.3641,
98.7254

■ 11.8716, 12.5231,
26.3354

■ 76.6749, 80.7845,
127.5244

■ 6.7279, 7.1010,
16.8467

■ 100.0100,
105.3577, 161.4411

■ 3.3373, 3.5253,
9.9645

127.6558,
134.4681, 200.8939

■ 1.3345, 1.4118,
5.2701

159.9775,
168.5001, 246.3016

■ 0.2089, 0.2254,
2.3451

197.3406,

■ 0.0000, 0.0000,

207.8382, 298.0825

0.7563

240.1104,
252.8667, 356.6553

■ 0.0000, 0.0000,
0.0000

■ 28.8799, 30.4443,
54.8063

■ 28.8799, 30.4443,
54.8063

■ 24.6892, 25.7242,
54.1166

■ 33.7853, 35.7865,
55.5794

■ 21.1732, 21.5967,
53.5053

■ 39.4365, 41.7715,
56.4368

■ 18.2923, 18.0348,
52.9696

■ 45.8663, 48.4233,
57.3819

■ 16.0012, 15.0075,
52.5060

■ 53.1045, 55.7634,
58.4171

■ 14.2474, 12.4800,
52.1106

■ 61.1795, 63.8124,
59.5452

■ 12.9624, 10.4083,
51.7784

■ 70.1180, 72.5900,
60.7683

■ 12.6093, 9.8175,
51.6830

■ 79.1674, 81.7136,
62.0524

■ 82.3691, 88.1170,
63.1196

■ 85.7727, 94.9243,
64.2541

Harmonies

Analogous

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



25.8373, 30.4443, 51.3685



28.8799, 30.4443, 54.8063



32.1688, 30.4443, 51.5856

Triad

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



28.8799, 30.4443, 54.8063



34.8095, 30.4443, 24.9945



23.8137, 30.4443, 24.7629

Complementary

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



28.8799, 30.4443, 54.8063



38.6030, 38.9376, 23.8944

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.



25.9281, 30.4443, 19.7294



28.8799, 30.4443, 54.8063



32.2740, 30.4443, 19.8441

Square

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



28.8799, 30.4443, 54.8063



35.7459, 30.4443, 33.3108



28.9930, 30.4443, 18.1128



23.0517, 30.4443, 32.9870

Rectangle

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



28.8799, 30.4443, 54.8063



34.0259, 30.4443, 46.3887



28.9930, 30.4443, 18.1128



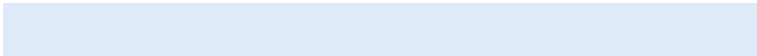
24.3816, 30.4443, 22.7030

Sweetspot

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



28.8809, 30.4455, 54.8070



76.9202, 81.3511, 102.0085



33.6392, 44.8952, 41.1848



16.1651, 17.1039, 21.8347



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



28.8809, 30.4455, 54.8070



45.6898, 47.7553, 97.1699



25.2988, 22.2619, 53.4162



9.8703, 10.4319, 12.7782



8.4622, 6.6808, 34.4001



0.4338, 0.4249, 1.5090

Inverse Universe

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



34.6202, 27.5245, 33.1950



57.6645, 42.6078, 51.8655



43.3883, 50.2710, 25.8298



10.2458, 10.1469, 11.3851



15.6673, 7.9567, 6.1600



0.7113, 0.3575, 0.4472

Previews

White Background



This preview shows how the XYZ color 28.8799, 30.4443, 54.8063 looks on a white background.

Color Contrast Check

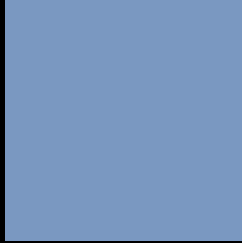
Large Text (above 18pt) WCAG AA × Fail

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 28.8799, 30.4443, 54.8063 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

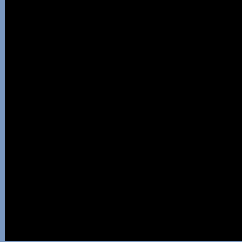
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 28.8799, 30.4443, 54.8063

Background



This preview shows how black text looks on a background with the XYZ color 28.8799, 30.4443, 54.8063.

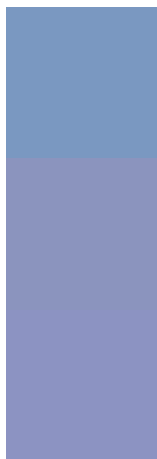


This preview shows how white text looks on a background with the XYZ color 28.8799, 30.4443,

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

28.8799, 30.4443, 54.8063

Protanopia

30.5316, 30.3865, 52.9712

Deuteranopia

30.9865, 30.3379, 55.2616



Tritanopia

26.2524, 30.3545, 42.0115

Trichromacy



Original Color

28.8799, 30.4443, 54.8063

Protanomaly

29.8243, 30.2430, 53.5558

Deuteranomaly

30.1579, 30.3765, 55.3127

Tritanomaly

27.2284, 30.5086, 46.5731

Monochromacy



Original Color

28.8799, 30.4443, 54.8063

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

28.0957, 29.6642, 39.3669

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.8799, 30.4443, 54.8063 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(122, 152, 193)` looks like.

```
.text, #text, p{  
    color:rgb(122, 152, 193)  
}
```

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(122, 152, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 152, 193) }
```

Border

The CSS property to change the border of an element to XYZ 28.8799, 30.4443, 54.8063 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(122, 152, 193) }
```


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

```
.border{ border-color:rgb(122, 152, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 152, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 152, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 152, 193);  
box-shadow:4px 4px 4px 4px rgb(122, 152,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 28.8799, 30.4443, 54.8063 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 152, 193) }
```

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

```
.background{ background-color: rgb(122,  
152, 193) }
```

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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