

Converting Colors

XYZ(28.2066, 35.2683, 42.7886)

Have a look what the booklet for
XYZ(28.2066, 35.2683, 42.7886)
contains.

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Color

**XYZ(28.2799, 35.3699,
42.8727)**

Conversions

Conversions Part 1

Format	Color
Hex	6FABA9
RGB	111, 171, 169
RGB Percent	44%, 67%, 66%
CMY	0.5647, 0.3294, 0.3372
CMYK	0.35, 0.00, 0.01, 0.33
HSL	178°, 26%, 55%
HSV	178°, 35%, 67%
XYZ	28.2799, 35.3699, 42.8727
YIQ	152.8320, -35.1180, -13.3420

Conversions

Conversions Part 2

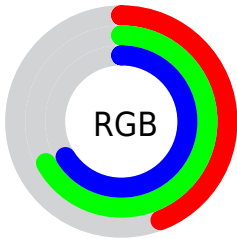
Format	Color
RYB	111, 142, 171
Decimal	7318441
CIELab	66.04, -19.80, -5.15
CIElCh	66, 20.463, 194.574
Yxy	35.3699, 0.2655, 0.3320
Android (android.graphics.Color)	4285508521 (0xFF6FABA9)
YUV	152.8320, 7.9708, -36.6867
Hunter-Lab	59.4726, -19.1983, -1.1102

Details

The XYZ color **28.2799, 35.3699, 42.8727** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **25.4609, 21.2201, 18.3781**, and the grayscale version is **30.1835, 31.7554, 34.5816**.

A 20% lighter version of the original color is **56.1680, 67.7739, 80.6423**, and **11.6113, 15.4078, 19.1916** is the 20% darker color. If you saturate the color by 10%, you get **26.2777, 34.3448, 42.5007**, and if you desaturate by 10%, it is **30.6963, 36.6103, 43.2668**.

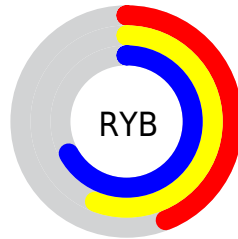
Distribution



Red (44%)

Green (67%)

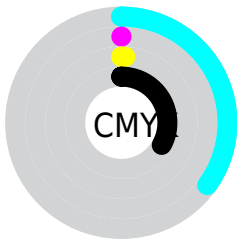
Blue (66%)



Red (44%)

Yellow (56%)

Blue (67%)

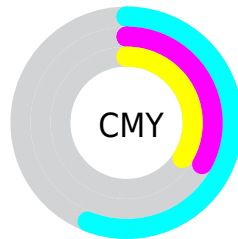


Cyan (35%)

Magenta (0%)

Yellow (1%)

Black (33%)



Cyan (56%)


Magenta (33%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.2799, 35.3699, 42.8727 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 28.2799, 35.3699, 42.8727 by changing the saturation by 10% instead.


 28.2799, 35.3699,
42.8727


 28.2799, 35.3699,
42.8727


285.8579,
326.1980, 373.9938


 18.6783, 23.9480,
29.4546


 56.3365, 68.0584,
80.8030


 11.5407, 15.2950,
19.1764


 75.5223, 90.0938,
106.1523

 6.5017, 9.0267,
11.6197


 98.6334, 116.4357,
136.3157

 3.1960, 4.7586,
6.3659

 126.0353,
147.4686, 171.7118

 1.2582, 2.1063,
2.9965

158.0934,
183.5769, 212.7591

 0.1516, 0.6682,
1.0928

195.1729,

 0.0000, 0.0000,

225.1450, 259.8762

0.0000

237.6393,
272.5572, 313.4816

■ 28.2799, 35.3699,
42.8727

■ 28.2799, 35.3699,
42.8727

■ 26.2777, 34.3448,
42.5007

■ 30.6963, 36.6103,
43.2668

■ 24.6630, 33.5185,
42.1474

■ 33.5456, 38.0729,
43.6816

■ 23.4109, 32.8791,
41.8122

■ 36.8489, 39.7696,
44.1189

■ 22.4922, 32.4117,
41.4938

■ 40.6252, 41.7100,
44.5795

■ 21.8734, 32.0987,
41.1907

■ 44.8922, 43.9035,
45.0644

■ 21.5129, 31.9189,
40.9009

■ 49.6670, 46.3586,
45.5742

■ 21.3822, 31.8545,
40.7611

■ 54.9657, 49.0838,
46.1098

■ 60.8036, 52.0870,
46.6718

■ 63.4568, 53.4483,
47.0860

Harmonies

Analogous

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



28.2999, 35.3699, 34.2346



28.2799, 35.3699, 42.8727



29.6295, 35.3699, 51.4742

Triad

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



28.2799, 35.3699, 42.8727



37.8828, 35.3699, 51.6879



35.1945, 35.3699, 24.5417

Complementary

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



28.2799, 35.3699, 42.8727



25.4609, 21.2201, 18.3781

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.



37.9493, 35.3699, 27.9316



28.2799, 35.3699, 42.8727



39.5638, 35.3699, 43.1312

Square

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



28.2799, 35.3699, 42.8727



35.1081, 35.3699, 57.0598



39.5889, 35.3699, 34.4571



32.1707, 35.3699, 24.4941

Rectangle

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



28.2799, 35.3699, 42.8727



31.1739, 35.3699, 55.6661



39.5889, 35.3699, 34.4571



36.1866, 35.3699, 25.3024

Sweetspot

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



28.2809, 35.3713, 42.8735



62.2804, 69.3160, 78.5284



24.3727, 33.8524, 20.2893



13.7204, 15.3713, 17.4895



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.



28.2809, 35.3713, 42.8735



47.8372, 61.9053, 76.2670



23.8806, 26.2675, 42.3411



8.2246, 9.0674, 10.2078



16.1224, 24.0142, 30.7478



0.4520, 0.6694, 0.8738

Inverse Universe

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



25.4609, 21.2201, 18.3781



42.0355, 32.7804, 25.8633



28.7536, 27.9838, 18.9256



8.0157, 8.0195, 8.3933



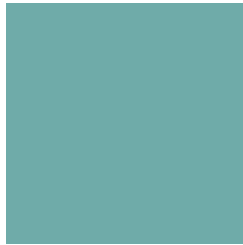
12.6882, 6.5378, 0.7373



0.3564, 0.1832, 0.0386

Previews

White Background



This preview shows how the XYZ color 28.2799, 35.3699, 42.8727 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 28.2799, 35.3699, 42.8727 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

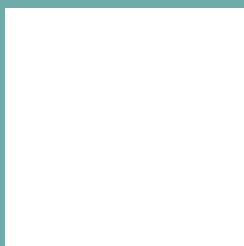
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.2799, 35.3699, 42.8727

Background



This preview shows how black text looks on a background with the XYZ color 28.2799, 35.3699, 42.8727.

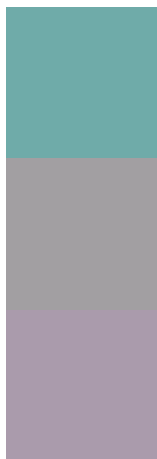


This preview shows how white text looks on a background with the XYZ color 28.2799, 35.3699,

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

28.2799, 35.3699, 42.8727

Protanopia

33.8200, 35.0863, 39.1722

Deuteranopia

35.7453, 34.9673, 43.8951



Tritanopia

29.6746, 35.3722, 50.0633

Trichromacy



Original Color

28.2799, 35.3699, 42.8727

Protanomaly

31.2164, 34.7506, 40.6596

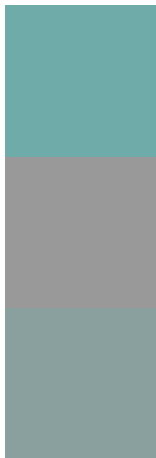
Deuteranomaly

32.4900, 34.8196, 43.5365

Tritanomaly

29.2207, 35.4745, 47.4267

Monochromacy



Original Color

28.2799, 35.3699, 42.8727

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

29.3100, 33.0481, 37.6350

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.2799, 35.3699, 42.8727 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(111, 171, 169)` looks like.

```
.text, #text, p{  
    color:rgb(111, 171, 169)  
}
```

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(111, 171, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 171, 169) }
```

Border

The CSS property to change the border of an element to XYZ 28.2799, 35.3699, 42.8727 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(111, 171, 169) }
```


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

```
.border{ border-color:rgb(111, 171, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 171, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 171, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 171, 169);  
box-shadow:4px 4px 4px 4px rgb(111, 171,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 28.2799, 35.3699, 42.8727 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 171, 169) }
```

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

```
.background{ background-color: rgb(111,  
171, 169) }
```

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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