

Converting Colors

XYZ(27.9560, 30.5654, 42.4803)

Have a look what the booklet for
XYZ(27.9560, 30.5654, 42.4803)
contains.

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Color

**XYZ(27.8529, 30.4306,
42.4359)**

Conversions

Conversions Part 1

Format	Color
Hex	8299AA
RGB	130, 153, 170
RGB Percent	51%, 60%, 67%
CMY	0.4902, 0.4000, 0.3333
CMYK	0.24, 0.10, 0.00, 0.33
HSL	205°, 19%, 59%
HSV	205°, 24%, 67%
XYZ	27.8529, 30.4306, 42.4359
YIQ	148.0610, -19.1650, 0.4110

Conversions

Conversions Part 2

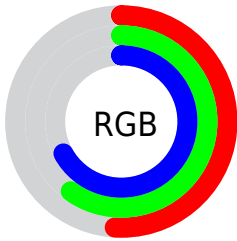
Format	Color
R _Y B	130, 145, 170
Decimal	8559018
CIE Lab	62.02, -4.20, -11.57
CIE LCh	62, 12.305, 250.037
Yxy	30.4306, 0.2765, 0.3021
Android (android.graphics.Color)	4286749098 (0xFF8299AA)
YUV	148.0610, 10.8159, -15.8395
Hunter-Lab	55.1639, -6.4102, -6.9952

Details

The XYZ color **27.8529, 30.4306, 42.4359** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.0409, 31.0254, 25.4724**, and the grayscale version is **28.1366, 29.6018, 32.2364**.

A 20% lighter version of the original color is **55.6706, 60.2522, 79.9299**, and **11.3297, 12.5162, 18.9583** is the 20% darker color. If you saturate the color by 10%, you get **24.3110, 26.9028, 41.9422**, and if you desaturate by 10%, it is **31.8991, 34.3262, 42.9751**.

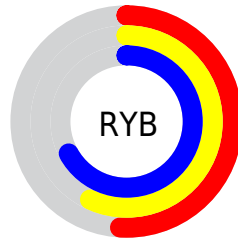
Distribution



Red (51%)

Green (60%)

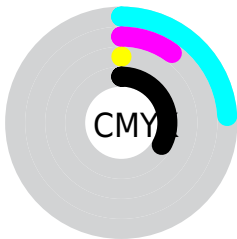
Blue (67%)



Red (51%)

Yellow (57%)

Blue (67%)

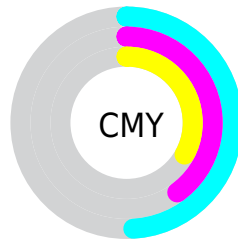


Cyan (24%)

Magenta (10%)

Yellow (0%)

Black (33%)



Cyan (49%)

Magenta (40%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.8529, 30.4306, 42.4359 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 27.8529, 30.4306, 42.4359 by changing the saturation by 10% instead.

■ 27.8529, 30.4306,
42.4359

■ 27.8529, 30.4306,
42.4359

283.8562,
303.9065, 372.1396

■ 18.3547, 20.1657,
29.1146

■ 55.6598, 60.3425,
80.1361

■ 11.3062, 12.5155,
18.9212

■ 74.6992, 80.7582,
105.3522

■ 6.3420, 7.0958,
11.4371

■ 97.6497, 105.3263,
135.3702

■ 3.0967, 3.5221,
6.2438

124.8766,
134.4312, 170.6088

■ 1.2051, 1.4100,
2.9227

156.7454,
168.4573, 211.4865

■ 0.1104, 0.2241,
1.0553

193.6214,

■ 0.0000, 0.0000,

207.7889, 258.4218

0.0000

235.8698,
252.8105, 311.8334

■ 27.8529, 30.4306,
42.4359

■ 27.8529, 30.4306,
42.4359

■ 24.3110, 26.9028,
41.9422

■ 31.8991, 34.3262,
42.9751

■ 21.2481, 23.7257,
41.4903

■ 36.4678, 38.5984,
43.5589

■ 18.6411, 20.8861,
41.0796

■ 41.5795, 43.2605,
44.1893

■ 16.4634, 18.3683,
40.7084

■ 47.2528, 48.3236,
44.8676

■ 14.6855, 16.1552,
40.3750

■ 53.5054, 53.7988,
45.5949

■ 13.2737, 14.2272,
40.0772

■ 60.3543, 59.6962,
46.3722

■ 12.1878, 12.5615,
39.8130

■ 67.8155, 66.0259,
47.2007

■ 11.6008, 11.5924,
39.6568

■ 71.7399, 70.6505,
47.8865

■ 73.5730, 74.3167,
48.4976

Harmonies

Analogous

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



26.5600, 30.4306, 39.3338



27.8529, 30.4306, 42.4359



29.4802, 30.4306, 42.9179

Triad

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



27.8529, 30.4306, 42.4359



32.1637, 30.4306, 31.5742



26.9287, 30.4306, 26.6483

Complementary

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



27.8529, 30.4306, 42.4359



31.0409, 31.0254, 25.4724

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.



28.3736, 30.4306, 24.9625



27.8529, 30.4306, 42.4359



31.4229, 30.4306, 27.6221

Square

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



27.8529, 30.4306, 42.4359



32.0113, 30.4306, 36.3361



30.0209, 30.4306, 25.3012



26.0407, 30.4306, 30.1253

Rectangle

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



27.8529, 30.4306, 42.4359



30.5419, 30.4306, 41.6451



30.0209, 30.4306, 25.3012



27.3631, 30.4306, 25.8691

Sweetspot

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



27.8538, 30.4318, 42.4366



63.0717, 67.1622, 78.6413



28.8217, 35.5920, 32.8184



13.9583, 14.8778, 17.5237



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.



27.8538, 30.4318, 42.4366



47.2250, 51.9451, 76.5393



24.8956, 24.5154, 41.4505



7.4765, 7.9898, 9.5665



8.5897, 8.6396, 29.1904



0.2581, 0.3084, 0.7266

Inverse Universe

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



30.3108, 26.8120, 33.7161



52.5042, 44.5153, 57.7234



34.3651, 37.6738, 26.5804



7.7051, 7.6119, 8.7642



13.8363, 6.9432, 9.2154



0.3614, 0.1788, 0.3547

Previews

White Background



This preview shows how the XYZ color 27.8529, 30.4306, 42.4359 looks on a white background.

Color Contrast Check

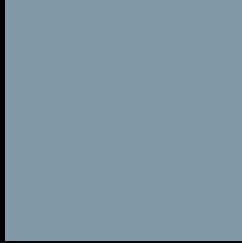
Large Text (above 18pt) WCAG AA × Fail

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 27.8529, 30.4306, 42.4359 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

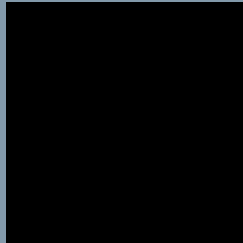
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

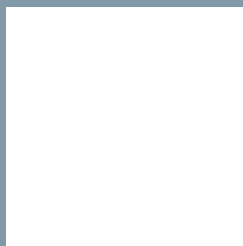
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.8529, 30.4306, 42.4359

Background



This preview shows how black text looks on a background with the XYZ color 27.8529, 30.4306, 42.4359.



This preview shows how white text looks on a background with the XYZ color 27.8529, 30.4306,

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

27.8529, 30.4306, 42.4359

Protanopia

29.5976, 30.1729, 40.8232

Deuteranopia

30.9560, 30.3681, 42.7581



Tritanopia

27.4918, 30.5315, 40.5206

Trichromacy



Original Color

27.8529, 30.4306, 42.4359

Protanomaly

28.9587, 30.3026, 41.3685

Deuteranomaly

29.7752, 30.4549, 42.8371

Tritanomaly

27.5839, 30.5683, 41.0057

Monochromacy



Original Color

27.8529, 30.4306, 42.4359

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

27.8916, 29.8757, 35.7490

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.8529, 30.4306, 42.4359 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(130, 153, 170)` looks like.

```
.text, #text, p{  
    color:rgb(130, 153, 170)  
}
```

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(130, 153, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 153, 170) }
```

Border

The CSS property to change the border of an element to XYZ 27.8529, 30.4306, 42.4359 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(130, 153, 170) }
```


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

```
.border{ border-color:rgb(130, 153, 170) }
```

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

Here you see how a box with a 4 pixel rgb(130, 153, 170) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 153, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 153, 170);  
box-shadow:4px 4px 4px 4px rgb(130, 153,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 27.8529, 30.4306, 42.4359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 153, 170) }
```

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

```
.background{ background-color: rgb(130,  
153, 170) }
```

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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