

Converting Colors

XYZ(24.6499, 27.8988, 29.4685)

Have a look what the booklet for
XYZ(24.6499, 27.8988, 29.4685)
contains.

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Color

**XYZ(24.6035, 27.8487,
29.2779)**

Conversions

Conversions Part 1

Format	Color
Hex	82948D
RGB	130, 148, 141
RGB Percent	51%, 58%, 55%
CMY	0.4902, 0.4196, 0.4471
CMYK	0.12, 0.00, 0.05, 0.42
HSL	157°, 8%, 55%
HSV	157°, 12%, 58%
XYZ	24.6035, 27.8487, 29.2779
YIQ	141.8200, -8.4810, -5.9930

Conversions

Conversions Part 2

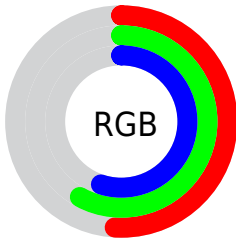
Format	Color
R_{YB}	130, 141, 148
Decimal	8557709
CIE _{Lab}	59.75, -7.86, 1.52
CIE _{LCh}	60, 8.005, 169.073
Yxy	27.8487, 0.3010, 0.3407
Android (android.graphics.Color)	4286747789 (0xFF82948D)
YUV	141.8200, -0.4043, -10.3661
Hunter-Lab	52.7719, -9.1298, 4.0461

Details

The XYZ color **24.6035, 27.8487, 29.2779** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.7117, 24.0679, 27.0112**, and the grayscale version is **25.6446, 26.9801, 29.3813**.

A 20% lighter version of the original color is **50.4993, 56.2485, 59.8252**, and **9.5564, 11.0540, 11.5275** is the 20% darker color. If you saturate the color by 10%, you get **22.0775, 26.5955, 26.9818**, and if you desaturate by 10%, it is **27.4800, 29.2815, 31.7078**.

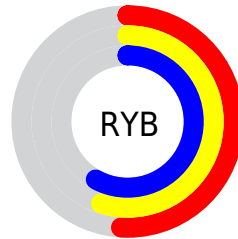
Distribution



Red (51%)

Green (58%)

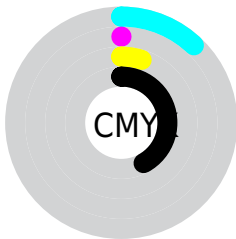
Blue (55%)



Red (51%)

Yellow (55%)

Blue (58%)

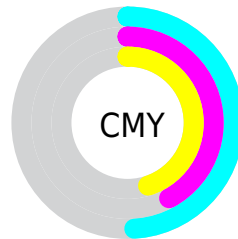


Cyan (12%)

Magenta (0%)

Yellow (5%)

Black (42%)



Cyan (49%)

Magenta (42%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.6035, 27.8487, 29.2779 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 24.6035, 27.8487, 29.2779 by changing the saturation by 10% instead.

■ 24.6035, 27.8487,
29.2779

■ 24.6035, 27.8487,
29.2779

268.2418,
291.7432, 312.6258

■ 15.9090, 18.2116,
19.0438

■ 50.4608, 56.2428,
59.5658

■ 9.5503, 11.1020,
11.5248

■ 68.3543, 75.7686,
80.4566

■ 5.1618, 6.1355,
6.3024

■ 90.0450, 99.3595,
105.7367

■ 2.3782, 2.9277,
2.9581

115.8980,
127.3998, 135.8247

■ 0.8342, 1.0941,
1.0733

146.2789,
160.2739, 171.1390

■ 0.0000, 0.0000,
0.0000

181.5529,

198.3663, 212.0983

222.0854,
242.0612, 259.1210

■ 24.6035, 27.8487,
29.2779

■ 24.6035, 27.8487,
29.2779

■ 22.0775, 26.5955,
26.9818

■ 27.4800, 29.2815,
31.7078

■ 19.8853, 25.5110,
24.8153

■ 30.7178, 30.8973,
34.2720

■ 18.0125, 24.5888,
22.7764

■ 34.3306, 32.7037,
36.9734

■ 16.4428, 23.8203,
20.8627

■ 38.3303, 34.7069,
39.8141

■ 15.1580, 23.1963,
19.0712

■ 42.7283, 36.9127,
42.7964

■ 14.1384, 22.7066,
17.3993

■ 47.5357, 39.3268,
45.9223

■ 13.3612, 22.3395,
15.8438

■ 52.7631, 41.9546,
49.1938

■ 12.7997, 22.0814,
14.4014

■ 58.4206, 44.8014,
52.6130

■ 12.4545, 21.9265,
13.3463

■ 61.4351, 46.2827,
56.0375

Harmonies

Analogous

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



25.0255, 27.8487, 26.8148



24.6035, 27.8487, 29.2779



24.6717, 27.8487, 32.1812

Triad

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



24.6035, 27.8487, 29.2779



27.1106, 27.8487, 35.9030



27.7653, 27.8487, 26.3020

Complementary

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



24.6035, 27.8487, 29.2779



24.7117, 24.0679, 27.0112

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.



28.3522, 27.8487, 28.5368



24.6035, 27.8487, 29.2779



27.9677, 27.8487, 34.1235

Square

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



24.6035, 27.8487, 29.2779



26.1021, 27.8487, 36.1329



28.4272, 27.8487, 31.3917



26.8401, 27.8487, 25.1710

Rectangle

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



24.6035, 27.8487, 29.2779



24.9866, 27.8487, 33.9743



28.4272, 27.8487, 31.3917



28.0097, 27.8487, 26.9422

Sweetspot

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



24.6043, 27.8499, 29.2785



47.4636, 51.1544, 55.1044



24.9694, 28.1280, 25.2326



10.7509, 11.6356, 12.5094



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



24.6043, 27.8499, 29.2785



41.9478, 48.4102, 50.3622



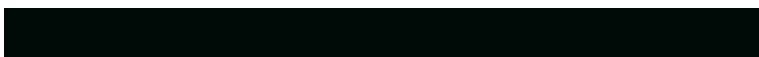
24.8618, 27.5046, 32.0169



5.8695, 6.5244, 6.9236



10.6512, 18.7333, 11.4709



0.1449, 0.2351, 0.2167

Inverse Universe

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



24.7117, 24.0679, 27.0112



42.1812, 40.1932, 45.4367



24.4670, 24.3566, 24.5311



5.8886, 5.8505, 6.5196



11.0872, 5.6399, 3.9403



0.1494, 0.0745, 0.1204

Previews

White Background



This preview shows how the XYZ color 24.6035, 27.8487, 29.2779 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 24.6035, 27.8487, 29.2779 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 × Fail

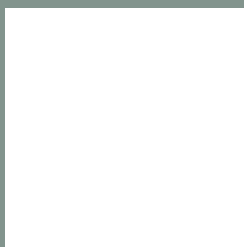
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.6035, 27.8487, 29.2779

Background



This preview shows how black text looks on a background with the XYZ color 24.6035, 27.8487, 29.2779.



This preview shows how white text looks on a background with the XYZ color 24.6035, 27.8487,

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

24.6035, 27.8487, 29.2779

Protanopia

26.6226, 27.7758, 28.0029

Deuteranopia

28.2911, 27.7175, 29.8455



Tritanopia

26.0376, 27.9786, 35.9264

Trichromacy



Original Color

24.6035, 27.8487, 29.2779

Protanomaly

25.7701, 27.7776, 28.4295

Deuteranomaly

26.7682, 27.5949, 29.5067

Tritanomaly

25.5354, 28.0073, 33.3383

Monochromacy



Original Color

24.6035, 27.8487, 29.2779

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

25.3370, 27.3028, 29.5257

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.6035, 27.8487, 29.2779 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, 148, 141)` looks like.

```
.text, #text, p{  
    color:rgb(130, 148, 141)  
}
```

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, 148, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 148, 141) }
```

Border

The CSS property to change the border of an element to XYZ 24.6035, 27.8487, 29.2779 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, 148, 141) }
```


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

```
.border{ border-color:rgb(130, 148, 141) }
```

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

Here you see how a box with a 4 pixel rgb(130, 148, 141) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 148, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 148, 141);  
box-shadow:4px 4px 4px 4px rgb(130, 148,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 24.6035, 27.8487, 29.2779 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 148, 141) }
```

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

```
.background{ background-color: rgb(130,  
148, 141) }
```

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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