

Converting Colors

XYZ(27.4628, 29.6415, 38.5377)

Have a look what the booklet for
XYZ(27.4628, 29.6415, 38.5377)
contains.

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Color

**XYZ(27.4196, 29.5722,
38.4453)**

Conversions

Conversions Part 1

Format	Color
Hex	8796A2
RGB	135, 150, 162
RGB Percent	53%, 59%, 64%
CMY	0.4706, 0.4118, 0.3647
CMYK	0.17, 0.07, 0.00, 0.36
HSL	207°, 13%, 58%
HSV	207°, 17%, 64%
XYZ	27.4196, 29.5722, 38.4453
YIQ	146.8830, -12.7920, 0.5520

Conversions

Conversions Part 2

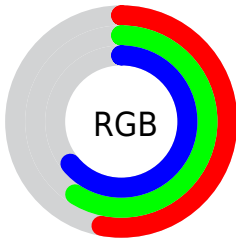
Format	Color
RYB	135, 145, 162
Decimal	8885922
CIELab	61.28, -2.74, -8.11
CIElCh	61, 8.562, 251.337
Yxy	29.5722, 0.2873, 0.3099
Android (android.graphics.Color)	4287076002 (0xFF8796A2)
YUV	146.8830, 7.4527, -10.4214
Hunter-Lab	54.3803, -5.1625, -3.8501

Details

The XYZ color **27.4196, 29.5722, 38.4453** is a light color, and the websafe version is hex **999999**. A complement of this color would be **29.7074, 30.2981, 27.2046**, and the grayscale version is **27.6595, 29.0999, 31.6898**.

A 20% lighter version of the original color is **54.8563, 58.8869, 74.1207**, and **11.0226, 11.9808, 16.4834** is the 20% darker color. If you saturate the color by 10%, you get **23.8953, 26.1028, 37.9619**, and if you desaturate by 10%, it is **31.4129, 33.3897, 38.9722**.

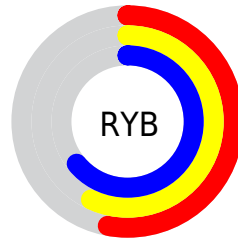
Distribution



Red (53%)

Green (59%)

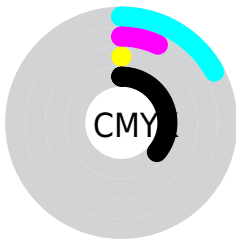
Blue (64%)



Red (53%)

Yellow (57%)

Blue (64%)

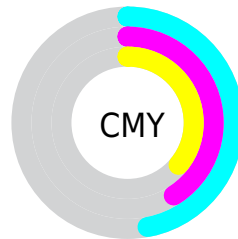


Cyan (17%)

Magenta (7%)

Yellow (0%)

Black (36%)



Cyan (47%)

Magenta (41%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.4196, 29.5722, 38.4453 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 27.4196, 29.5722, 38.4453 by changing the saturation by 10% instead.

■ 27.4196, 29.5722,
38.4453

■ 27.4196, 29.5722,
38.4453

281.8137,
299.9053, 354.8816

■ 18.0268, 19.5141,
26.0240

■ 54.9716, 58.9850,
74.0011

■ 11.0690, 12.0423,
16.6156

■ 73.8615, 79.1084,
97.9727

■ 6.1809, 6.7725,
9.8018

■ 96.6479, 103.3558,
126.6315

■ 2.9971, 3.3202,
5.1639

123.6961,
132.1115, 160.3959

■ 1.1522, 1.3011,
2.2833

155.3714,
165.7599, 199.6846

■ 0.0681, 0.1421,
0.7218

192.0392,

■ 0.0000, 0.0000,

204.6854, 244.9161

0.0000

234.0648,
249.2724, 296.5090

■ 27.4196, 29.5722,
38.4453

■ 27.4196, 29.5722,
38.4453

■ 23.8953, 26.1028,
37.9619

■ 31.4129, 33.3897,
38.9722

■ 20.8183, 22.9661,
37.5186

■ 35.8904, 37.5627,
39.5416

■ 18.1688, 20.1508,
37.1148

■ 40.8701, 42.1029,
40.1555

■ 15.9246, 17.6435,
36.7492

■ 46.3681, 47.0204,
40.8149

■ 14.0613, 15.4295,
36.4200

■ 52.3997, 52.3248,
41.5209

■ 12.5516, 13.4927,
36.1258

■ 58.9796, 58.0253,
42.2744

■ 11.3638, 11.8146,
35.8644

■ 66.1220, 64.1308,
43.0764

■ 10.4522, 10.3694,
35.6335

■ 70.2188, 68.7830,
43.7585

■ 10.1788, 9.9230,
35.5618

■ 72.0096, 72.3645,
44.3554

Harmonies

Analogous

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



26.5113, 29.5722, 36.4754



27.4196, 29.5722, 38.4453



28.5357, 29.5722, 38.6768

Triad

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



27.4196, 29.5722, 38.4453



30.2866, 29.5722, 30.9942



26.7001, 29.5722, 27.7597

Complementary

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



27.4196, 29.5722, 38.4453



29.7074, 30.2981, 27.2046

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.



27.6836, 29.5722, 26.4883



27.4196, 29.5722, 38.4453



29.7665, 29.5722, 28.2708

Square

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



27.4196, 29.5722, 38.4453



30.2113, 29.5722, 34.2266



28.8068, 29.5722, 26.6690



26.1036, 29.5722, 30.2533

Rectangle

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



27.4196, 29.5722, 38.4453



29.2498, 29.5722, 37.7972



28.8068, 29.5722, 26.6690



26.9953, 29.5722, 27.1830

Sweetspot

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



27.4205, 29.5734, 38.4460



58.2452, 61.7628, 70.9077



28.1555, 33.0893, 32.3840



12.9645, 13.7615, 15.9104



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



27.4205, 29.5734, 38.4460



47.3050, 51.2753, 69.4600



25.4311, 25.5947, 37.7828



7.0115, 7.4819, 8.9777



8.0625, 7.9044, 28.0305



0.2156, 0.2585, 0.6044

Inverse Universe

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



29.0700, 27.2120, 32.5758



50.9059, 46.2833, 56.6089



31.8795, 34.6422, 27.9287



7.2308, 7.1488, 8.2016



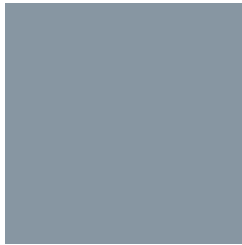
13.2150, 6.6421, 8.3230



0.3010, 0.1489, 0.2977

Previews

White Background



This preview shows how the XYZ color 27.4196, 29.5722, 38.4453 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 27.4196, 29.5722, 38.4453 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

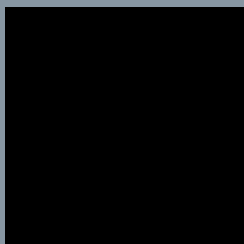
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

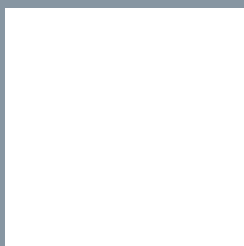
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.4196, 29.5722, 38.4453

Background



This preview shows how black text looks on a background with the XYZ color 27.4196, 29.5722, 38.4453.



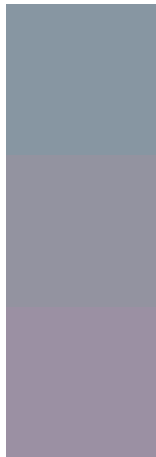
This preview shows how white text looks on a background with the XYZ color 27.4196, 29.5722,

38.4453.

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

27.4196, 29.5722, 38.4453

Protanopia

28.8115, 29.6085, 37.4542

Deuteranopia

30.1017, 29.5594, 38.7693



Tritanopia

27.4196, 29.5722, 38.4453

Trichromacy



Original Color

27.4196, 29.5722, 38.4453

Protanomaly

28.3506, 29.5927, 37.9359

Deuteranomaly

29.1025, 29.4980, 38.8102

Tritanomaly

27.4196, 29.5722, 38.4453

Monochromacy



Original Color

27.4196, 29.5722, 38.4453

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

27.5851, 29.2864, 33.9047

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.4196, 29.5722, 38.4453 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(135, 150, 162)` looks like.

```
.text, #text, p{  
    color:rgb(135, 150, 162)  
}
```

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(135, 150, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 150, 162) }
```

Border

The CSS property to change the border of an element to XYZ 27.4196, 29.5722, 38.4453 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(135, 150, 162) }
```


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

```
.border{ border-color:rgb(135, 150, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 150, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 150, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 150, 162);  
box-shadow:4px 4px 4px 4px rgb(135, 150,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 27.4196, 29.5722, 38.4453 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 150, 162) }
```

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

```
.background{ background-color: rgb(135,  
150, 162) }
```

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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