

Converting Colors

XYZ(27.9165, 29.5925, 38.4230)

Have a look what the booklet for
XYZ(27.9165, 29.5925, 38.4230)
contains.

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Color

**XYZ(27.9165, 29.5925,
38.4230)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 8B95A2 |
| RGB | 139, 149, 162 |
| RGB Percent | 55%, 58%, 64% |
| CMY | 0.4549, 0.4157, 0.3647 |
| CMYK | 0.14, 0.08, 0.00, 0.36 |
| HSL | 214°, 11%, 59% |
| HSV | 214°, 14%, 64% |
| XYZ | 27.9165, 29.5925, 38.4230 |
| YIQ | 147.4920, -10.1330, 1.9230 |

Conversions

Conversions Part 2

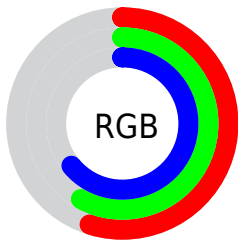
| Format | Color |
|-------------------------------------|------------------------------|
| RYB | 139, 146, 162 |
| Decimal | 9147810 |
| CIELab | 61.30, -0.83, -8.05 |
| CIELCh | 61, 8.097, 264.099 |
| Yxy | 29.5925, 0.2910, 0.3085 |
| Android (android.graphics.Color) | 4287337890 (0xFF8B95A2) |
| YUV | 147.4920, 7.1524, -7.4475 |
| Hunter-Lab | 54.3990, -3.5955, -3.7983 |

Details

The XYZ color **27.9165, 29.5925, 38.4230** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.7889, 32.0018, 28.9809**, and the grayscale version is **27.9119, 29.3655, 31.9791**.

A 20% lighter version of the original color is **55.8726, 59.0591, 74.1004**, and **11.3020, 11.9850, 16.4695** is the 20% darker color. If you saturate the color by 10%, you get **24.0176, 25.5168, 37.8423**, and if you desaturate by 10%, it is **32.3319, 34.1050, 39.0618**.

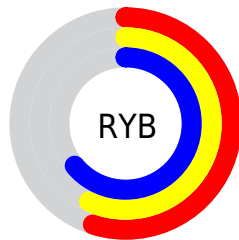
Distribution



Red (55%)

Green (58%)

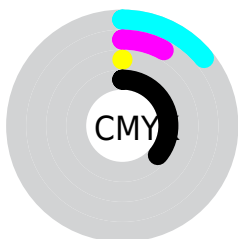
Blue (64%)



Red (55%)

Yellow (57%)

Blue (64%)

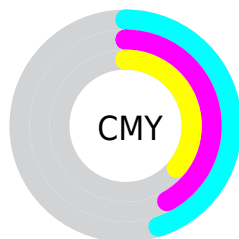


Cyan (14%)

Magenta (8%)

Yellow (0%)

Black (36%)



Cyan (45%)

Magenta (42%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.9165, 29.5925, 38.4230 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 27.9165, 29.5925, 38.4230 by changing the saturation by 10% instead.

■ 27.9165, 29.5925,
38.4230

■ 27.9165, 29.5925,
38.4230

284.1550,
300.0004, 354.7835

■ 18.4029, 19.5295,
26.0068

■ 55.7607, 59.0171,
73.9666

■ 11.3410, 12.0535,
16.6029

■ 74.8219, 79.1476,
97.9311

■ 6.3657, 6.7801,
9.7928

■ 97.7964, 103.4026,
126.5821

■ 3.1115, 3.3250,
5.1580

125.0495,
132.1666, 160.3381

■ 1.2130, 1.3037,
2.2799

156.9466,
165.8240, 199.6178

■ 0.1166, 0.1440,
0.7199

193.8529,

■ 0.0000, 0.0000,

204.7591, 244.8395

0.0000

236.1340,
249.3565, 296.4219

■ 27.9165, 29.5925,
38.4230

■ 27.9165, 29.5925,
38.4230

■ 24.0176, 25.5168,
37.8423

■ 32.3319, 34.1050,
39.0618

■ 20.6124, 21.8601,
37.3159

■ 37.2802, 39.0643,
39.7582

■ 17.6802, 18.6084,
36.8428

■ 42.7802, 44.4844,
40.5145

■ 15.1977, 15.7455,
36.4211

■ 48.8490, 50.3776,
41.3321

■ 13.1396, 13.2541,
36.0487

■ 55.5031, 56.7559,
42.2126

■ 11.4776, 11.1150,
35.7234

■ 62.7582, 63.6306,
43.1571

■ 10.1796, 9.3071,
35.4428

■ 70.6291, 71.0128,
44.1672

■ 9.2074, 7.8055,
35.2042

■ 73.9479, 76.2412,
45.0015

■ 8.7401, 7.0455,
35.0822

■ 76.4496, 81.2445,
45.8353

Harmonies

Analogous

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



26.9414, 29.5925, 37.2163



27.9165, 29.5925, 38.4230



28.9724, 29.5925, 37.8849

Triad

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



27.9165, 29.5925, 38.4230



30.0405, 29.5925, 29.8822



26.4982, 29.5925, 28.8987

Complementary

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



27.9165, 29.5925, 38.4230



30.7889, 32.0018, 28.9809

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.



27.2978, 29.5925, 27.1521



27.9165, 29.5925, 38.4230



29.3464, 29.5925, 27.6943

Square

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



27.9165, 29.5925, 38.4230



30.2162, 29.5925, 32.8287



28.3381, 29.5925, 26.7255



26.1360, 29.5925, 31.6212

Rectangle

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



27.9165, 29.5925, 38.4230



29.5781, 29.5925, 36.6253



28.3381, 29.5925, 26.7255



26.7238, 29.5925, 28.1851

Sweetspot

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



27.9174, 29.5937, 38.4237



58.7986, 62.0187, 70.9279



29.2072, 33.5857, 34.4995



13.0675, 13.7890, 15.9103



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.



27.9174, 29.5937, 38.4237



48.3693, 51.3272, 69.4139



26.5953, 26.6630, 37.9276



6.9420, 7.3430, 8.9545



6.9270, 5.6333, 27.6520



0.1922, 0.2117, 0.5966

Inverse Universe

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



29.5584, 28.3172, 32.3430



51.9500, 48.6418, 56.1237



32.2488, 35.2668, 29.5342



7.1957, 7.1347, 8.0169



12.6419, 6.4128, 5.3047



0.2892, 0.1442, 0.2355

Previews

White Background



This preview shows how the XYZ color 27.9165, 29.5925, 38.4230 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 27.9165, 29.5925, 38.4230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

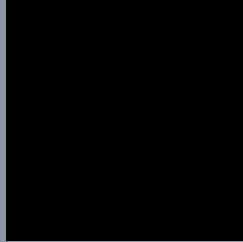
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

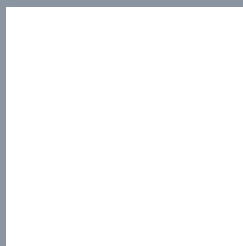
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.9165, 29.5925, 38.4230

Background



This preview shows how black text looks on a background with the XYZ color 27.9165, 29.5925, 38.4230.



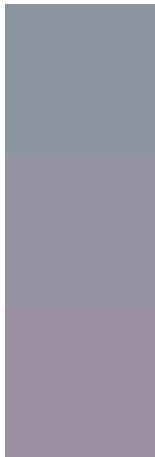
This preview shows how white text looks on a background with the XYZ color 27.9165, 29.5925,

38.4230.

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

27.9165, 29.5925, 38.4230

Protanopia

28.8994, 29.6437, 37.9169

Deuteranopia

30.1017, 29.5594, 38.7693



Tritanopia

27.8279, 29.5571, 37.9566

Trichromacy



Original Color

27.9165, 29.5925, 38.4230

Protanomaly

28.5245, 29.6823, 37.9441

Deuteranomaly

29.2842, 29.5917, 38.8187

Tritanomaly

27.8279, 29.5571, 37.9566

Monochromacy



Original Color

27.9165, 29.5925, 38.4230

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

27.7590, 29.3761, 33.9129

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.9165, 29.5925, 38.4230 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(139, 149, 162)` looks like.

```
.text, #text, p{  
    color:rgb(139, 149, 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(139, 149, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 149, 162) }
```

Border

The CSS property to change the border of an element to XYZ 27.9165, 29.5925, 38.4230 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(139, 149, 162) }
```


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

```
.border{ border-color:rgb(139, 149, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 149, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 149, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 149, 162);  
box-shadow:4px 4px 4px 4px rgb(139, 149,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 27.9165, 29.5925, 38.4230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 149, 162) }
```

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

```
.background{ background-color: rgb(139,  
149, 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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