

Converting Colors

XYZ(27.7349, 30.3085, 34.1079)

Have a look what the booklet for
XYZ(27.7349, 30.3085, 34.1079)
contains.

XYZ(27.7109, 30.2989, 34.0935)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(27.7109, 30.2989,
34.0935)**

Conversions

Conversions Part 1

Format	Color
Hex	8C9898
RGB	140, 152, 152
RGB Percent	55%, 60%, 60%
CMY	0.4510, 0.4039, 0.4039
CMYK	0.08, 0.00, 0.00, 0.40
HSL	180°, 6%, 57%
HSV	180°, 8%, 60%
XYZ	27.7109, 30.2989, 34.0935
YIQ	148.4120, -7.1520, -2.5440

Conversions

Conversions Part 2

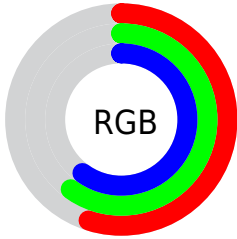
Format	Color
RYB	140, 146, 152
Decimal	9214104
CIELab	61.91, -4.28, -1.48
CIElCh	62, 4.530, 199.082
Yxy	30.2989, 0.3009, 0.3290
Android (android.graphics.Color)	4287404184 (0xFF8C9898)
YUV	148.4120, 1.7689, -7.3773
Hunter-Lab	55.0444, -6.4659, 1.8080

Details

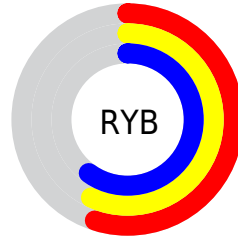
The XYZ color **27.7109, 30.2989, 34.0935** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.0617, 27.3257, 28.6604**, and the grayscale version is **28.3160, 29.7907, 32.4421**.

A 20% lighter version of the original color is **55.4600, 60.0682, 67.0638**, and **11.2191, 12.4206, 14.1180** is the 20% darker color. If you saturate the color by 10%, you get **25.3245, 29.0695, 33.9811**, and if you desaturate by 10%, it is **30.4529, 31.7132, 34.2238**.

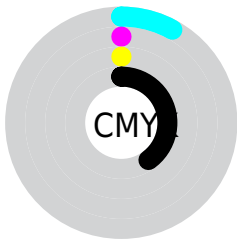
Distribution



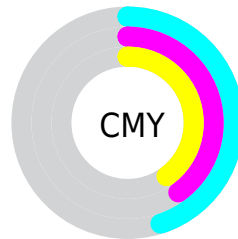
- Red (55%)
- Green (60%)
- Blue (60%)



- Red (55%)
- Yellow (57%)
- Blue (60%)



- Cyan (8%)
- Magenta (0%)
- Yellow (0%)
- Black (40%)



- Cyan (45%)
- Magenta (40%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.7109, 30.2989, 34.0935 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 27.7109, 30.2989, 34.0935 by changing the saturation by 10% instead.

■ 27.7109, 30.2989,
34.0935

■ 27.7109, 30.2989,
34.0935

283.1881,
303.2952, 335.3306

■ 18.2472, 20.0656,
22.6875

■ 55.4344, 60.1346,
67.2146

■ 11.2284, 12.4427,
14.1598

■ 74.4249, 80.5057,
89.7668

■ 6.2891, 7.0459,
8.0919

■ 97.3218, 105.0248,
116.8714

■ 3.0640, 3.4908,
4.0652

124.4903,
134.0764, 148.9471

■ 1.1877, 1.3930,
1.6612

156.2958,
168.0449, 186.4123

■ 0.0966, 0.2116,
0.3339

193.1037,

■ 0.0000, 0.0000,

207.3146, 229.6856

0.0000

235.2794,
252.2699, 279.1855

■ 27.7109, 30.2989,
34.0935

■ 27.7109, 30.2989,
34.0935

■ 25.3245, 29.0695,
33.9811

■ 30.4529, 31.7132,
34.2238

■ 23.2767, 28.0139,
33.8840

■ 33.5614, 33.3157,
34.3706

■ 21.5528, 27.1252,
33.8019

■ 37.0503, 35.1143,
34.5352

■ 20.1364, 26.3951,
33.7343

■ 40.9317, 37.1152,
34.7182

■ 19.0094, 25.8141,
33.6803

■ 45.2174, 39.3245,
34.9201

■ 18.1518, 25.3720,
33.6388

■ 49.9185, 41.7480,
35.1414

■ 17.5411, 25.0572,
33.6089

■ 55.0459, 44.3912,
35.3827

■ 17.1513, 24.8563,
33.5893

■ 58.1384, 45.9855,
35.5288

■ 16.9341, 24.7444,
33.5778

■ 58.1387, 45.9856,
35.5301

Harmonies

Analogous

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



27.6691, 30.2989, 32.3623



27.7109, 30.2989, 34.0935



28.0417, 30.2989, 35.5770

Triad

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



27.7109, 30.2989, 34.0935



29.6878, 30.2989, 35.2249



29.0195, 30.2989, 29.8207

Complementary

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



27.7109, 30.2989, 34.0935



27.0617, 27.3257, 28.6604

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.



29.5682, 30.2989, 30.5322



27.7109, 30.2989, 34.0935



29.9576, 30.2989, 33.6265

Square

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



27.7109, 30.2989, 34.0935



29.1809, 30.2989, 36.2459



29.9136, 30.2989, 31.9113



28.4189, 30.2989, 29.9358

Rectangle

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



27.7109, 30.2989, 34.0935



28.3842, 30.2989, 36.2070



29.9136, 30.2989, 31.9113



29.2162, 30.2989, 29.9701

Sweetspot

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



27.7118, 30.3002, 34.0942



51.6681, 54.9012, 60.3070



26.8116, 29.9440, 29.1780



11.7573, 12.4855, 13.7076



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



27.7118, 30.3002, 34.0942



48.3384, 53.1847, 60.1495



26.7933, 28.4628, 33.7890



6.3845, 7.0265, 7.9484



14.1646, 20.7293, 28.1512



0.2118, 0.3099, 0.4209

Inverse Universe

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



27.0617, 27.3257, 28.6604



47.0164, 47.1361, 49.0996



27.9317, 29.0660, 28.9495



6.2089, 6.2227, 6.4800



10.8576, 5.5973, 0.5089



0.1623, 0.0837, 0.0077

Previews

White Background



This preview shows how the XYZ color 27.7109, 30.2989, 34.0935 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 27.7109, 30.2989, 34.0935 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

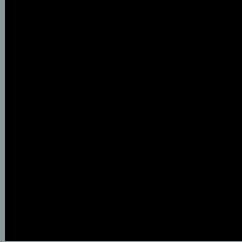
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

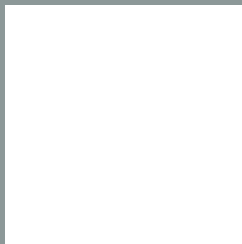
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.7109, 30.2989, 34.0935

Background



This preview shows how black text looks on a background with the XYZ color 27.7109, 30.2989, 34.0935.



This preview shows how white text looks on a background with the XYZ color 27.7109, 30.2989,

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

27.7109, 30.2989, 34.0935

Protanopia

29.2014, 30.3723, 33.1775

Deuteranopia

30.7755, 30.2321, 34.3503



Tritanopia

28.5833, 30.1721, 38.4997

Trichromacy



Original Color

27.7109, 30.2989, 34.0935

Protanomaly

28.7050, 30.3430, 33.6220

Deuteranomaly

29.6661, 30.3497, 34.4315

Tritanomaly

28.2227, 30.2646, 36.7019

Monochromacy



Original Color

27.7109, 30.2989, 34.0935

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

27.8493, 29.6846, 32.6956

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.7109, 30.2989, 34.0935 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(140, 152, 152)` looks like.

```
.text, #text, p{  
    color:rgb(140, 152, 152)  
}
```

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(140, 152, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 152, 152) }
```

Border

The CSS property to change the border of an element to XYZ 27.7109, 30.2989, 34.0935 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(140, 152, 152) }
```


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

```
.border{ border-color:rgb(140, 152, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 152, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 152, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 152, 152);  
box-shadow:4px 4px 4px 4px rgb(140, 152,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 27.7109, 30.2989, 34.0935 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 152, 152) }
```

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

```
.background{ background-color: rgb(140,  
152, 152) }
```

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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