

Converting Colors

XYZ(30.3704, 35.7575, 38.8983)

Have a look what the booklet for
XYZ(30.3704, 35.7575, 38.8983)
contains.

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Color

**XYZ(30.4273, 35.7294,
39.0110)**

Conversions

Conversions Part 1

Format	Color
Hex	87A8A1
RGB	135, 168, 161
RGB Percent	53%, 66%, 63%
CMY	0.4706, 0.3412, 0.3686
CMYK	0.20, 0.00, 0.04, 0.34
HSL	167°, 16%, 59%
HSV	167°, 20%, 66%
XYZ	30.4273, 35.7294, 39.0110
YIQ	157.3350, -17.4210, -9.1730

Conversions

Conversions Part 2

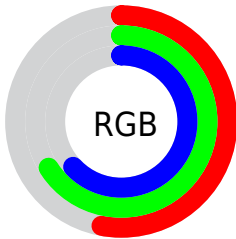
Format	Color
RYB	135, 153, 168
Decimal	8890529
CIELab	66.31, -12.75, -0.13
CIElCh	66, 12.755, 180.588
Yxy	35.7294, 0.2893, 0.3397
Android (android.graphics.Color)	4287080609 (0xFF87A8A1)
YUV	157.3350, 1.8068, -19.5878
Hunter-Lab	59.7741, -13.7413, 3.1468

Details

The XYZ color **30.4273, 35.7294, 39.0110** is a light color, and the websafe version is hex **669999**. A complement of this color would be **29.6961, 27.6066, 29.3561**, and the grayscale version is **32.1972, 33.8740, 36.8888**.

A 20% lighter version of the original color is **59.7686, 68.5520, 75.0475**, and **12.8062, 15.5479, 17.0779** is the 20% darker color. If you saturate the color by 10%, you get **27.6250, 34.3215, 37.2628**, and if you desaturate by 10%, it is **33.6672, 37.3637, 40.8280**.

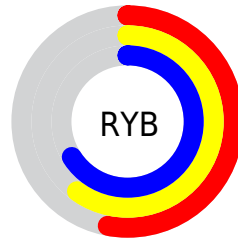
Distribution



Red (53%)

Green (66%)

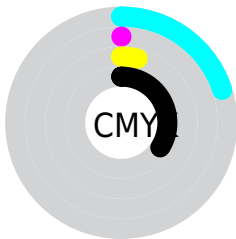
Blue (63%)



Red (53%)

Yellow (60%)

Blue (66%)

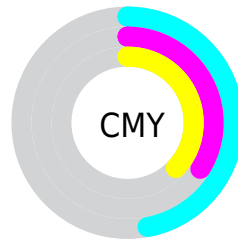


Cyan (20%)

Magenta (0%)

Yellow (4%)

Black (34%)



Cyan (47%)

Magenta (34%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.4273, 35.7294, 39.0110 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 30.4273, 35.7294, 39.0110 by changing the saturation by 10% instead.

■ 30.4273, 35.7294,
39.0110

■ 30.4273, 35.7294,
39.0110

295.7654,
327.7763, 357.3646

■ 20.3128, 24.2253,
26.4604

■ 59.7193, 68.6142,
74.8756

■ 12.7322, 15.5008,
16.9395

■ 79.6275, 90.7637,
99.0268

■ 7.3201, 9.1716,
10.0299

■ 103.5310,
117.2304, 127.8818

■ 3.7112, 4.8533,
5.3129

131.7952,
148.3987, 161.8593

■ 1.5401, 2.1614,
2.3701

164.7853,
184.6531, 201.3778

■ 0.3529, 0.6988,
0.7701

202.8668,

■ 0.0000, 0.0000,

226.3778, 246.8558

0.0000

246.4051,
273.9574, 298.7119

■ 30.4273, 35.7294,
39.0110

■ 30.4273, 35.7294,
39.0110

■ 27.6250, 34.3215,
37.2628

■ 33.6672, 37.3637,
40.8280

■ 25.2372, 33.1253,
35.5796

■ 37.3603, 39.2297,
42.7126

■ 23.2432, 32.1312,
33.9609

■ 41.5253, 41.3379,
44.6669

■ 21.6195, 31.3269,
32.4052

■ 46.1788, 43.6969,
46.6919

■ 20.3399, 30.6990,
30.9108

■ 51.3366, 46.3148,
48.7888

■ 19.3747, 30.2322,
29.4759

■ 57.0140, 49.1994,
50.9587

■ 18.6891, 29.9085,
28.0985

■ 63.2253, 52.3582,
53.2026

■ 18.2089, 29.6897,
26.7747

■ 64.4850, 52.9633,
55.2641

■ 18.1926, 29.6824,
26.7285

■ 64.8783, 53.1206,
57.3347

Harmonies

Analogous

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



30.8680, 35.7294, 33.9759



30.4273, 35.7294, 39.0110



30.9033, 35.7294, 44.4889

Triad

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



30.4273, 35.7294, 39.0110



35.8578, 35.7294, 48.6500



35.7904, 35.7294, 30.4623

Complementary

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



30.4273, 35.7294, 39.0110



29.6961, 27.6066, 29.3561

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.



37.2113, 35.7294, 33.8058



30.4273, 35.7294, 39.0110



37.2513, 35.7294, 44.2853

Square

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



30.4273, 35.7294, 39.0110



33.9973, 35.7294, 50.3633



37.7555, 35.7294, 38.7957



33.9221, 35.7294, 29.3285

Rectangle

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



30.4273, 35.7294, 39.0110



31.6870, 35.7294, 47.5834



37.7555, 35.7294, 38.7957



36.3386, 35.7294, 31.3486

Sweetspot

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



30.4283, 35.7309, 39.0118



63.3634, 68.9461, 75.2790



29.5580, 35.5201, 28.2203



13.7228, 14.9829, 16.3621



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



30.4283, 35.7309, 39.0118



52.6776, 63.5597, 69.2519



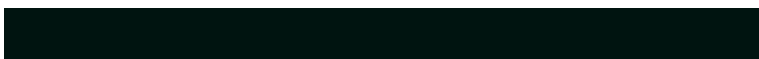
29.3986, 32.6554, 41.8012



7.6784, 8.5044, 9.2924



13.7569, 22.4215, 20.2844



0.3513, 0.5522, 0.5811

Inverse Universe

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



29.6961, 27.6066, 29.3561



51.0811, 45.8303, 48.1868



30.5491, 30.1278, 27.1273



7.5938, 7.5674, 8.1783



12.4470, 6.3875, 1.8997



0.3204, 0.1624, 0.1388

Previews

White Background



This preview shows how the XYZ color 30.4273, 35.7294, 39.0110 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 30.4273, 35.7294, 39.0110 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

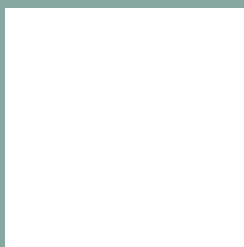
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.4273, 35.7294, 39.0110

Background



This preview shows how black text looks on a background with the XYZ color 30.4273, 35.7294, 39.0110.

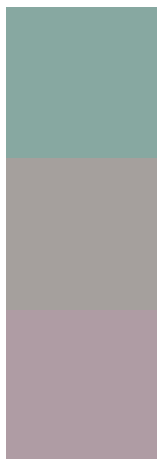


This preview shows how white text looks on a background with the XYZ color 30.4273, 35.7294,

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

30.4273, 35.7294, 39.0110

Protanopia

34.1737, 35.5753, 36.9639

Deuteranopia

36.2685, 35.5712, 40.0763



Tritanopia

32.0730, 35.5682, 47.8227

Trichromacy



Original Color

30.4273, 35.7294, 39.0110

Protanomaly

32.5952, 35.5330, 37.4884

Deuteranomaly

33.6789, 35.2595, 39.6810

Tritanomaly

31.3991, 35.5694, 44.2404

Monochromacy



Original Color

30.4273, 35.7294, 39.0110

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

31.3109, 34.3479, 37.3273

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.4273, 35.7294, 39.0110 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, 168, 161)` looks like.

```
.text, #text, p{  
    color:rgb(135, 168, 161)  
}
```

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, 168, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 168, 161) }
```

Border

The CSS property to change the border of an element to XYZ 30.4273, 35.7294, 39.0110 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, 168, 161) }
```


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

```
.border{ border-color:rgb(135, 168, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 168, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 168, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 168, 161);  
box-shadow:4px 4px 4px 4px rgb(135, 168,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 30.4273, 35.7294, 39.0110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 168, 161) }
```

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

```
.background{ background-color: rgb(135,  
168, 161) }
```

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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