

Converting Colors

XYZ(27.0162, 35.6999, 35.2303)

Have a look what the booklet for
XYZ(27.0162, 35.6999, 35.2303)
contains.

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Color

**XYZ(26.9879, 35.7272,
35.1794)**

Conversions

Conversions Part 1

Format	Color
Hex	6CAE98
RGB	108, 174, 152
RGB Percent	42%, 68%, 60%
CMY	0.5765, 0.3176, 0.4039
CMYK	0.38, 0.00, 0.13, 0.32
HSL	160°, 29%, 55%
HSV	160°, 38%, 68%
XYZ	26.9879, 35.7272, 35.1794
YIQ	151.7580, -32.2740, -20.8340

Conversions

Conversions Part 2

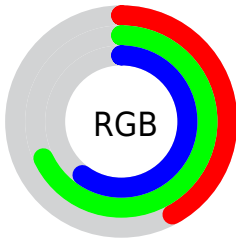
Format	Color
RYB	108, 148, 174
Decimal	7122584
CIELab	66.31, -26.15, 4.68
CIELCh	66, 26.569, 169.859
Yxy	35.7272, 0.2757, 0.3650
Android (android.graphics.Color)	4285312664 (0xFF6CAE98)
YUV	151.7580, 0.1193, -38.3758
Hunter-Lab	59.7722, -24.0065, 6.9450

Details

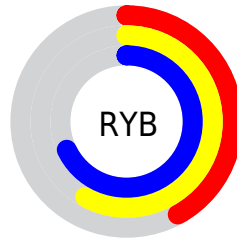
The XYZ color **26.9879, 35.7272, 35.1794** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **26.8486, 21.3365, 23.8238**, and the grayscale version is **29.7510, 31.3003, 34.0861**.

A 20% lighter version of the original color is **54.3377, 68.7312, 68.7951**, and **10.8172, 15.4551, 14.7249** is the 20% darker color. If you saturate the color by 10%, you get **24.6159, 34.5589, 32.6493**, and if you desaturate by 10%, it is **29.8075, 37.1255, 37.8533**.

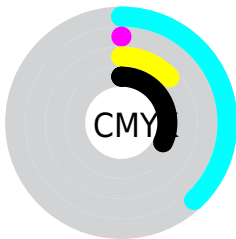
Distribution



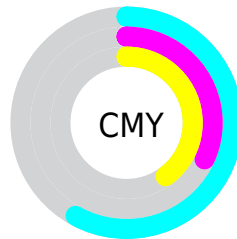
- Red (42%)
- Green (68%)
- Blue (60%)



- Red (42%)
- Yellow (58%)
- Blue (68%)



- Cyan (38%)
- Magenta (0%)
- Yellow (13%)
- Black (32%)



- Cyan (58%)
- Magenta (32%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.9879, 35.7272, 35.1794 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 26.9879, 35.7272, 35.1794 by changing the saturation by 10% instead.

■ 26.9879, 35.7272,
35.1794

■ 26.9879, 35.7272,
35.1794

279.7671,
327.7666, 340.2878

■ 17.7007, 24.2236,
23.5164

■ 54.2845, 68.6108,
68.9183

■ 10.8337, 15.4996,
14.7664

■ 73.0245, 90.7596,
91.8314

■ 6.0216, 9.1707,
8.5108

■ 95.6463, 117.2255,
119.3315

■ 2.8990, 4.8527,
4.3311

■ 122.5150,
148.3930, 151.8373

■ 1.1006, 2.1611,
1.8087

153.9961,
184.6465, 189.7673

■ 0.0256, 0.6987,
0.4337

190.4549,

■ 0.0000, 0.0000,

226.3703, 233.5400

0.0000

232.2568,
273.9489, 283.5740

■ 26.9879, 35.7272,
35.1794

■ 26.9879, 35.7272,
35.1794

■ 24.6159, 34.5589,
32.6493

■ 29.8075, 37.1255,
37.8533

■ 22.6628, 33.6030,
30.2576

■ 33.0953, 38.7614,
40.6714

■ 21.1015, 32.8464,
28.0021

■ 36.8739, 40.6476,
43.6370

■ 19.9000, 32.2727,
25.8795

■ 41.1638, 42.7946,
46.7529

■ 19.0210, 31.8628,
23.8862

■ 45.9842, 45.2123,
50.0214

■ 18.4043, 31.5856,
22.0175

■ 51.3534, 47.9100,
53.4449

■ 18.2889, 31.5342,
21.6452

■ 57.2887, 50.8966,
57.0259

■ 63.8066, 54.1807,
60.7665

■ 67.3005, 55.9028,
64.4995

Harmonies

Analogous

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



28.4531, 35.7272, 26.4473



26.9879, 35.7272, 35.1794



27.2759, 35.7272, 46.8051

Triad

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



26.9879, 35.7272, 35.1794



36.6157, 35.7272, 63.2809



39.1170, 35.7272, 24.4748

Complementary

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



26.9879, 35.7272, 35.1794



26.8486, 21.3365, 23.8238

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.



41.6501, 35.7272, 31.9407



26.9879, 35.7272, 35.1794



40.1299, 35.7272, 54.7543

Square

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



26.9879, 35.7272, 35.1794



32.6321, 35.7272, 64.6152



42.0345, 35.7272, 42.8759



35.3186, 35.7272, 21.1137

Rectangle

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



26.9879, 35.7272, 35.1794



28.4317, 35.7272, 54.6510



42.0345, 35.7272, 42.8759



40.1568, 35.7272, 26.5110

Sweetspot

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



26.9889, 35.7286, 35.1802



64.5458, 72.5603, 77.3649



27.2195, 36.1896, 19.7387



14.1416, 16.0252, 17.0362



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



26.9889, 35.7286, 35.1802



45.0909, 62.9012, 59.7202



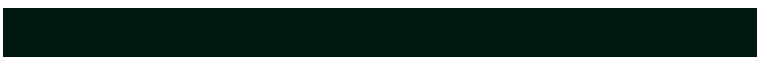
27.1188, 32.8322, 44.9539



8.1211, 9.0260, 9.6627



13.2929, 22.8824, 15.8481



0.3938, 0.6462, 0.5672

Inverse Universe

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



26.8486, 21.3365, 23.8238



44.8065, 32.8245, 36.0313



26.6301, 23.0157, 17.2269



8.1113, 8.0578, 8.8967



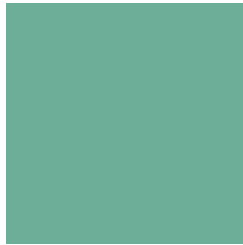
13.2397, 6.7584, 3.6417



0.3941, 0.1983, 0.2372

Previews

White Background



This preview shows how the XYZ color 26.9879, 35.7272, 35.1794 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 26.9879, 35.7272, 35.1794 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

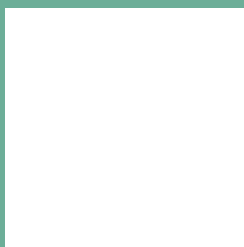
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.9879, 35.7272, 35.1794

Background



This preview shows how black text looks on a background with the XYZ color 26.9879, 35.7272, 35.1794.



This preview shows how white text looks on a background with the XYZ color 26.9879, 35.7272,

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

26.9879, 35.7272, 35.1794

Protanopia

33.5412, 35.3707, 31.4450

Deuteranopia

36.0822, 35.3080, 36.3659



Tritanopia

29.9922, 35.8132, 50.1316

Trichromacy



Original Color

26.9879, 35.7272, 35.1794

Protanomaly

30.5757, 35.1278, 32.7726

Deuteranomaly

31.9736, 34.9795, 36.0769

Tritanomaly

28.6914, 35.5491, 44.3792

Monochromacy



Original Color

26.9879, 35.7272, 35.1794

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

28.3916, 32.6429, 34.5101

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.9879, 35.7272, 35.1794 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(108, 174, 152)` looks like.

```
.text, #text, p{  
    color:rgb(108, 174, 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(108, 174, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 174, 152) }
```

Border

The CSS property to change the border of an element to XYZ 26.9879, 35.7272, 35.1794 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(108, 174, 152) }
```


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

```
.border{ border-color:rgb(108, 174, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 174, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 174, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 174, 152);  
box-shadow:4px 4px 4px 4px rgb(108, 174,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 26.9879, 35.7272, 35.1794 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 174, 152) }
```

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

```
.background{ background-color: rgb(108,  
174, 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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