

Converting Colors

XYZ(26.3689, 35.2414, 34.9335)

Have a look what the booklet for
XYZ(26.3689, 35.2414, 34.9335)
contains.

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Color

**XYZ(26.3200, 35.0972,
35.0930)**

Conversions

Conversions Part 1

Format	Color
Hex	68AD98
RGB	104, 173, 152
RGB Percent	41%, 68%, 60%
CMY	0.5921, 0.3216, 0.4039
CMYK	0.40, 0.00, 0.12, 0.32
HSL	162°, 30%, 54%
HSV	162°, 40%, 68%
XYZ	26.3200, 35.0972, 35.0930
YIQ	149.9750, -34.3830, -21.1590

Conversions

Conversions Part 2

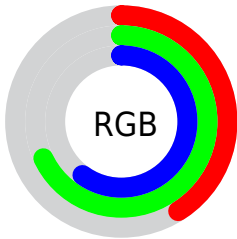
Format	Color
RYB	104, 145, 173
Decimal	6860184
CIELab	65.82, -26.79, 3.95
CIElCh	66, 27.080, 171.610
Yxy	35.0972, 0.2727, 0.3637
Android (android.graphics.Color)	4285050264 (0xFF68AD98)
YUV	149.9750, 0.9983, -40.3201
Hunter-Lab	59.2429, -24.3724, 6.3491

Details

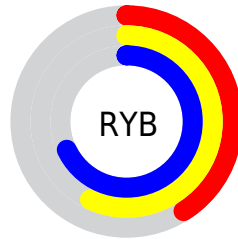
The XYZ color **26.3200, 35.0972, 35.0930** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **25.8868, 20.2665, 21.9509**, and the grayscale version is **28.9860, 30.4955, 33.2096**.

A 20% lighter version of the original color is **53.2604, 67.7640, 68.6651**, and **10.4307, 15.0763, 14.6722** is the 20% darker color. If you saturate the color by 10%, you get **24.0926, 33.9986, 32.7877**, and if you desaturate by 10%, it is **28.9805, 36.4187, 37.5201**.

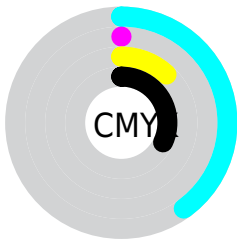
Distribution



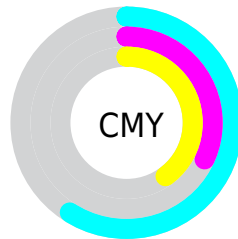
- Red (41%)
- Green (68%)
- Blue (60%)



- Red (41%)
- Yellow (57%)
- Blue (68%)



- Cyan (40%)
- Magenta (0%)
- Yellow (12%)
- Black (32%)



- Cyan (59%)
- Magenta (32%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.3200, 35.0972, 35.0930 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 26.3200, 35.0972, 35.0930 by changing the saturation by 10% instead.

■ 26.3200, 35.0972,
35.0930

■ 26.3200, 35.0972,
35.0930

276.5774,
324.9972, 339.8954

■ 17.1971, 23.7378,
23.4504

■ 53.2184, 67.6363,
68.7830

■ 10.4713, 15.1392,
14.7180

■ 71.7246, 89.5848,
91.6675

■ 5.7772, 8.9171,
8.4773

■ 94.0892, 115.8317,
119.1364

■ 2.7494, 4.6872,
4.3097

■ 120.6778,
146.7615, 151.6082

■ 1.0227, 2.0649,
1.7968

151.8555,
182.7586, 189.5014

■ 0.0000, 0.6448,
0.4258

187.9878,

■ 0.0000, 0.0000,

224.2072, 233.2347

0.0000

229.4400,
271.4920, 283.2265

■ 26.3200, 35.0972,
35.0930

■ 26.3200, 35.0972,
35.0930

■ 24.0926, 33.9986,
32.7877

■ 28.9805, 36.4187,
37.5201

■ 22.2698, 33.1054,
30.5993

■ 32.0945, 37.9709,
40.0688

■ 20.8241, 32.4045,
28.5259

■ 35.6849, 39.7663,
42.7423

■ 19.7232, 31.8793,
26.5647

■ 39.7719, 41.8155,
45.5427

■ 18.9292, 31.5101,
24.7126

■ 44.3745, 44.1282,
48.4722

■ 18.3616, 31.2556,
22.9643

■ 49.5110, 46.7137,
51.5326

■ 18.3554, 31.2529,
22.9446

■ 55.1984, 49.5808,
54.7260

■ 61.4532, 52.7381,
58.0543

■ 66.5387, 55.2902,
61.4373

Harmonies

Analogous

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



27.6914, 35.0972, 26.1132



26.3200, 35.0972, 35.0930



26.7129, 35.0972, 46.9058

Triad

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



26.3200, 35.0972, 35.0930



36.2694, 35.0972, 62.5425



38.3618, 35.0972, 23.4315

Complementary

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



26.3200, 35.0972, 35.0930



25.8868, 20.2665, 21.9509

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.



41.0247, 35.0972, 30.6699



26.3200, 35.0972, 35.0930



39.7512, 35.0972, 53.5747

Square

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



26.3200, 35.0972, 35.0930



32.2502, 35.0972, 64.3811



41.5525, 35.0972, 41.5166



34.4926, 35.0972, 20.3168

Rectangle

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



26.3200, 35.0972, 35.0930



27.9372, 35.0972, 54.7699



41.5525, 35.0972, 41.5166



39.4401, 35.0972, 25.3852

Sweetspot

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



26.3210, 35.0986, 35.0938



62.3341, 70.4291, 75.4129



26.0255, 35.3123, 18.5416



13.3680, 15.2165, 16.2583



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



26.3210, 35.0986, 35.0938



43.5294, 61.0757, 59.1407



25.8844, 31.2247, 44.1995



8.1309, 9.0299, 9.7145



13.5105, 22.9695, 16.9940



0.3987, 0.6481, 0.5929

Inverse Universe

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



25.8868, 20.2665, 21.9509



42.6522, 30.7463, 32.3185



26.0540, 22.5259, 16.0720



8.1019, 8.0540, 8.8472



13.1497, 6.7224, 3.1679



0.3905, 0.1969, 0.2180

Previews

White Background



This preview shows how the XYZ color 26.3200, 35.0972, 35.0930 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 26.3200, 35.0972, 35.0930 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

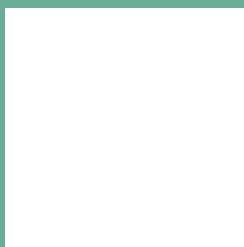
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.3200, 35.0972, 35.0930

Background



This preview shows how black text looks on a background with the XYZ color 26.3200, 35.0972, 35.0930.

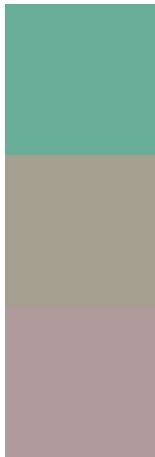


This preview shows how white text looks on a background with the XYZ color 26.3200, 35.0972,

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

26.3200, 35.0972, 35.0930

Protanopia

32.9492, 34.8092, 31.3678

Deuteranopia

35.4608, 34.7416, 36.2893



Tritanopia

29.3136, 35.1981, 49.5049

Trichromacy



Original Color

26.3200, 35.0972, 35.0930

Protanomaly

29.8696, 34.4971, 32.6881

Deuteranomaly

31.2389, 34.3403, 35.9922

Tritanomaly

28.0321, 34.9409, 43.7949

Monochromacy



Original Color

26.3200, 35.0972, 35.0930

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

27.4856, 31.6746, 33.9433

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.3200, 35.0972, 35.0930 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(104, 173, 152)` looks like.

```
.text, #text, p{  
    color:rgb(104, 173, 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(104, 173, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 173, 152) }
```

Border

The CSS property to change the border of an element to XYZ 26.3200, 35.0972, 35.0930 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(104, 173, 152) }
```


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

```
.border{ border-color:rgb(104, 173, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 173, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 173, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 173, 152);  
box-shadow:4px 4px 4px 4px rgb(104, 173,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 26.3200, 35.0972, 35.0930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 173, 152) }
```

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

```
.background{ background-color: rgb(104,  
173, 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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