

Converting Colors

XYZ(26.2463, 35.1007, 35.2399)

Have a look what the booklet for
XYZ(26.2463, 35.1007, 35.2399)
contains.

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Color

**XYZ(26.2046, 35.0377,
35.0876)**

Conversions

Conversions Part 1

Format	Color
Hex	67AD98
RGB	103, 173, 152
RGB Percent	40%, 68%, 60%
CMY	0.5961, 0.3216, 0.4039
CMYK	0.40, 0.00, 0.12, 0.32
HSL	162°, 30%, 54%
HSV	162°, 40%, 68%
XYZ	26.2046, 35.0377, 35.0876
YIQ	149.6760, -34.9790, -21.3710

Conversions

Conversions Part 2

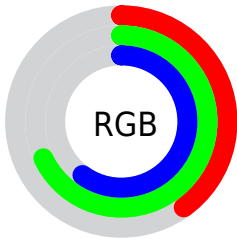
Format	Color
RYB	103, 144, 173
Decimal	6794648
CIELab	65.78, -27.07, 3.88
CIELCh	66, 27.344, 171.845
Yxy	35.0377, 0.2720, 0.3637
Android (android.graphics.Color)	4284984728 (0xFF67AD98)
YUV	149.6760, 1.1457, -40.9349
Hunter-Lab	59.1927, -24.5652, 6.2896

Details

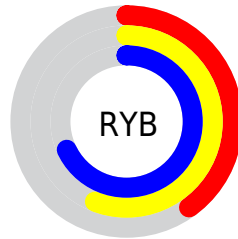
The XYZ color **26.2046, 35.0377, 35.0876** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **25.7231, 20.0409, 21.5827**, and the grayscale version is **28.8589, 30.3618, 33.0640**.

A 20% lighter version of the original color is **53.0645, 67.6630, 68.6560**, and **10.3808, 15.0506, 14.6699** is the 20% darker color. If you saturate the color by 10%, you get **24.0062, 33.9533, 32.8144**, and if you desaturate by 10%, it is **28.8342, 36.3440, 37.4796**.

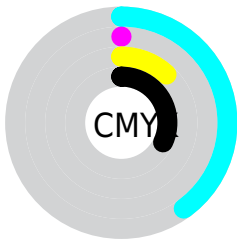
Distribution



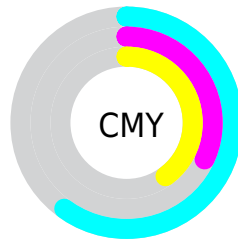
- Red (40%)
- Green (68%)
- Blue (60%)



- Red (40%)
- Yellow (56%)
- Blue (68%)



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



- Cyan (60%)
- Magenta (32%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.2046, 35.0377, 35.0876 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 26.2046, 35.0377, 35.0876 by changing the saturation by 10% instead.

■ 26.2046, 35.0377,
35.0876

■ 26.2046, 35.0377,
35.0876

276.0233,
324.7347, 339.8708

■ 17.1102, 23.6919,
23.4463

■ 53.0338, 67.5442,
68.7746

■ 10.4089, 15.1052,
14.7150

■ 71.4993, 89.4736,
91.6573

■ 5.7353, 8.8933,
8.4752

■ 93.8193, 115.6998,
119.1242

■ 2.7239, 4.6716,
4.3084

■ 120.3591,
146.6070, 151.5939

■ 1.0095, 2.0559,
1.7960

151.4840,
182.5798, 189.4848

■ 0.0000, 0.6397,
0.4253

187.5595,

■ 0.0000, 0.0000,

224.0023, 233.2156

0.0000

228.9508,
271.2592, 283.2048

■ 26.2046, 35.0377,
35.0876

■ 26.2046, 35.0377,
35.0876

■ 24.0062, 33.9533,
32.8144

■ 28.8342, 36.3440,
37.4796

■ 22.2102, 33.0734,
30.6552

■ 31.9155, 37.8801,
39.9903

■ 20.7891, 32.3846,
28.6082


■ 35.4713, 39.6586,
42.6228


■ 19.7103, 31.8703,
26.6707


■ 39.5221, 41.6901,
45.3791


■ 18.9356, 31.5106,
24.8394


■ 44.0869, 43.9842,
48.2613

 18.4014, 31.2713,
23.1869

 49.1839, 46.5505,
51.2714

 54.8303, 49.3977,
54.4112

 61.0426, 52.5342,
57.6827

 66.4600, 55.2587,
61.0231

Harmonies

Analogous

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



27.5722, 35.0377, 26.0152



26.2046, 35.0377, 35.0876



26.6143, 35.0377, 47.0195

Triad

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



26.2046, 35.0377, 35.0876



36.2702, 35.0377, 62.6828



38.3233, 35.0377, 23.2230

Complementary

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



26.2046, 35.0377, 35.0876



25.7231, 20.0409, 21.5827

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.



41.0262, 35.0377, 30.4727



26.2046, 35.0377, 35.0876



39.7758, 35.0377, 53.5706

Square

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



26.2046, 35.0377, 35.0876



32.2150, 35.0377, 64.6090



41.5782, 35.0377, 41.3858



34.4137, 35.0377, 20.1269

Rectangle

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



26.2046, 35.0377, 35.0876



27.8561, 35.0377, 54.9556



41.5782, 35.0377, 41.3858



39.4157, 35.0377, 25.1760

Sweetspot

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



26.2056, 35.0391, 35.0884



62.3493, 70.4352, 75.4927



25.8747, 35.2404, 18.2709



13.3716, 15.2179, 16.2773



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.



26.2056, 35.0391, 35.0884



43.2099, 60.9135, 59.0076



25.7372, 31.1015, 44.1835



8.1324, 9.0305, 9.7223



13.5441, 22.9829, 17.1710



0.3994, 0.6484, 0.5968

Inverse Universe

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



25.7231, 20.0409, 21.5827



42.2326, 30.1665, 31.3792



25.9091, 22.3169, 15.7746



8.1005, 8.0534, 8.8398



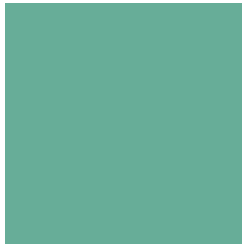
13.1370, 6.7173, 3.1008



0.3899, 0.1967, 0.2151

Previews

White Background



This preview shows how the XYZ color 26.2046, 35.0377, 35.0876 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 26.2046, 35.0377, 35.0876 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 26.2046, 35.0377, 35.0876

Background



This preview shows how black text looks on a background with the XYZ color 26.2046, 35.0377, 35.0876.



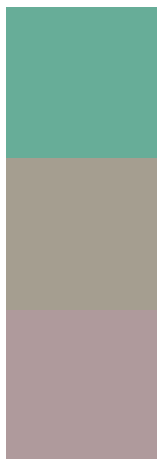
This preview shows how white text looks on a background with the XYZ color 26.2046, 35.0377,

35.0876.

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

26.2046, 35.0377, 35.0876

Protanopia

32.7780, 34.4667, 31.3107

Deuteranopia

35.2355, 34.6255, 36.2788



Tritanopia

29.1870, 35.1328, 49.4990

Trichromacy



Original Color

26.2046, 35.0377, 35.0876

Protanomaly

29.5190, 34.0518, 32.6206

Deuteranomaly

31.0557, 34.2459, 35.9836

Tritanomaly

27.9098, 34.8779, 43.7892

Monochromacy



Original Color

26.2046, 35.0377, 35.0876

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 26.2046, 35.0377, 35.0876 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(103, 173, 152)` looks like.

```
.text, #text, p{  
    color:rgb(103, 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(103, 173, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 173, 152) }
```

Border

The CSS property to change the border of an element to XYZ 26.2046, 35.0377, 35.0876 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(103, 173, 152) }
```


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

```
.border{ border-color:rgb(103, 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(103, 173, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 173, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 173, 152);  
box-shadow:4px 4px 4px 4px rgb(103, 173,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 26.2046, 35.0377, 35.0876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 173, 152) }
```

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

```
.background{ background-color: rgb(103,  
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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