

Converting Colors

XYZ(26.1746, 31.0381, 48.3141)

Have a look what the booklet for
XYZ(26.1746, 31.0381, 48.3141)
contains.

XYZ(26.1055, 30.8992, 48.3043)	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(26.1055, 30.8992,
48.3043)**

Conversions

Conversions Part 1

Format	Color
Hex	659FB5
RGB	101, 159, 181
RGB Percent	40%, 62%, 71%
CMY	0.6039, 0.3765, 0.2902
CMYK	0.44, 0.12, 0.00, 0.29
HSL	196°, 35%, 55%
HSV	196°, 44%, 71%
XYZ	26.1055, 30.8992, 48.3043
YIQ	144.1660, -41.6300, -5.4540

Conversions

Conversions Part 2

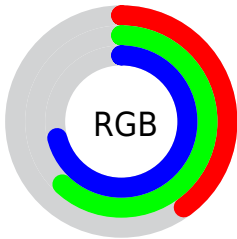
Format	Color
RYB	101, 135, 181
Decimal	6660021
CIELab	62.42, -13.01, -17.32
CIELCh	62, 21.668, 233.086
Yxy	30.8992, 0.2479, 0.2934
Android (android.graphics.Color)	4284850101 (0xFF659FB5)
YUV	144.1660, 18.1592, -37.8566
Hunter-Lab	55.5870, -13.4479, -12.6112

Details

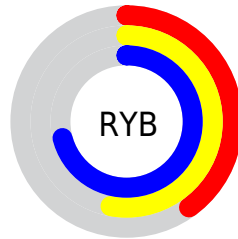
The XYZ color **26.1055, 30.8992, 48.3043** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **28.4887, 24.9300, 15.6234**, and the grayscale version is **26.5181, 27.8991, 30.3822**.

A 20% lighter version of the original color is **53.0429, 61.2755, 89.1525**, and **10.3856, 12.8645, 22.3578** is the 20% darker color. If you saturate the color by 10%, you get **23.4592, 28.2905, 47.9408**, and if you desaturate by 10%, it is **29.2345, 33.8093, 48.7016**.

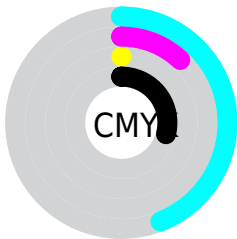
Distribution



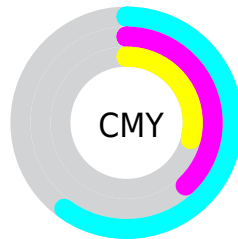
- Red (40%)
- Green (62%)
- Blue (71%)



- Red (40%)
- Yellow (53%)
- Blue (71%)



- Cyan (44%)
- Magenta (12%)
- Yellow (0%)
- Black (29%)



- Cyan (60%)
- Magenta (38%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.1055, 30.8992, 48.3043 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 26.1055, 30.8992, 48.3043 by changing the saturation by 10% instead.

■ 26.1055, 30.8992,
48.3043

■ 26.1055, 30.8992,
48.3043

275.5468,
306.0737, 396.5405

■ 17.0357, 20.5221,
33.7062

■ 52.8752, 61.0813,
89.0276

■ 10.3554, 12.7751,
22.3925

■ 71.3058, 81.6552,
115.9898

■ 5.6993, 7.2739,
13.9445

■ 93.5873, 106.3967,
147.9106

■ 2.7020, 3.6340,
7.9438

■ 120.0851,
135.6903, 185.2084

■ 0.9982, 1.4710,
3.9717

151.1647,
169.9204, 228.3017

■ 0.0000, 0.2682,
1.6098

187.1912,

■ 0.0000, 0.0000,

209.4714, 277.6091

0.2978

228.5301,
254.7277, 333.5492

■ 0.0000, 0.0000,
0.0000

■ 26.1055, 30.8992,
48.3043

■ 26.1055, 30.8992,
48.3043

■ 23.4592, 28.2905,
47.9408

■ 29.2345, 33.8093,
48.7016

■ 21.2627, 25.9635,
47.6074

■ 32.8707, 37.0320,
49.1320

■ 19.4833, 23.9015,
47.3032

■ 37.0401, 40.5818,
49.5975

■ 18.0823, 22.0840,
47.0262

■ 41.7662, 44.4716,
50.0992

■ 17.0133, 20.4864,
46.7742

■ 47.0710, 48.7131,
50.6383

■ 16.4875, 19.6301,
46.6366

■ 52.9754, 53.3177,
51.2159

■ 59.4989, 58.2961,
51.8330

■ 66.6605, 63.6584,
52.4905

■ 71.1256, 67.6863,
53.0327

Harmonies

Analogous

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



24.4736, 30.8992, 40.3933



26.1055, 30.8992, 48.3043



28.6941, 30.8992, 52.3914

Triad

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



26.1055, 30.8992, 48.3043



35.3399, 30.8992, 35.6289



27.2094, 30.8992, 20.8501

Complementary

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



26.1055, 30.8992, 48.3043



28.4887, 24.9300, 15.6234

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.



30.0539, 30.8992, 20.0057



26.1055, 30.8992, 48.3043



34.8767, 30.8992, 27.6918

Square

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



26.1055, 30.8992, 48.3043



34.1198, 30.8992, 44.3240



32.8932, 30.8992, 22.2978



25.0806, 30.8992, 24.8341

Rectangle

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



26.1055, 30.8992, 48.3043



30.6661, 30.8992, 51.9862



32.8932, 30.8992, 22.2978



28.1085, 30.8992, 20.2203

Sweetspot

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



26.1065, 30.9004, 48.3050



67.1219, 73.3357, 88.9121



25.4251, 37.2286, 24.3676



14.1327, 15.5368, 19.1763



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



26.1065, 30.9004, 48.3050



42.1497, 50.8049, 85.8794



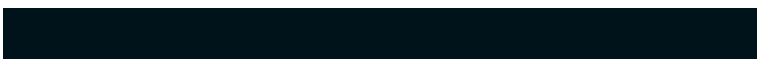
20.3847, 19.4568, 46.3978



8.5411, 9.2285, 10.8374



11.4262, 13.6528, 32.1700



0.4052, 0.5210, 1.0274

Inverse Universe

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



29.9686, 21.6353, 35.3987



50.2064, 32.9919, 58.6161



34.3849, 36.7224, 17.5888



8.7483, 8.6061, 10.1732



16.0021, 7.9184, 15.7028



0.5266, 0.2584, 0.6155

Previews

White Background



This preview shows how the XYZ color 26.1055, 30.8992, 48.3043 looks on a white background.

Color Contrast Check

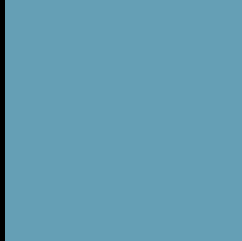
Large Text (above 18pt) WCAG AA × Fail

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 26.1055, 30.8992, 48.3043 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

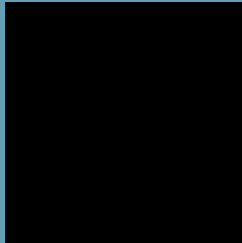
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 26.1055, 30.8992, 48.3043

Background



This preview shows how black text looks on a background with the XYZ color 26.1055, 30.8992, 48.3043.



This preview shows how white text looks on a background with the XYZ color 26.1055, 30.8992,

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

26.1055, 30.8992, 48.3043

Protanopia

30.2415, 30.6619, 44.3688

Deuteranopia

31.2982, 30.6240, 49.6088



Tritanopia

25.2592, 30.8114, 44.1511

Trichromacy



Original Color

26.1055, 30.8992, 48.3043

Protanomaly

28.5330, 30.7026, 46.0173

Deuteranomaly

28.9739, 30.3774, 49.1361

Tritanomaly

25.6628, 30.9855, 45.7025

Monochromacy



Original Color

26.1055, 30.8992, 48.3043

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

25.7353, 28.5184, 36.0465

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.1055, 30.8992, 48.3043 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(101, 159, 181)` looks like.

```
.text, #text, p{  
    color:rgb(101, 159, 181)  
}
```

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(101, 159, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 159, 181) }
```

Border

The CSS property to change the border of an element to XYZ 26.1055, 30.8992, 48.3043 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(101, 159, 181) }
```


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

```
.border{ border-color:rgb(101, 159, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 159, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 159, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 159, 181);  
box-shadow:4px 4px 4px 4px rgb(101, 159,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 26.1055, 30.8992, 48.3043 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 159, 181) }
```

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

```
.background{ background-color: rgb(101,  
159, 181) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor