

Converting Colors

XYZ(26.1458, 30.0918, 53.8653)

Have a look what the booklet for
XYZ(26.1458, 30.0918, 53.8653)
contains.

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Color

**XYZ(26.1163, 30.0253,
53.7092)**

Conversions

Conversions Part 1

Format	Color
Hex	609CBF
RGB	96, 156, 191
RGB Percent	38%, 61%, 75%
CMY	0.6235, 0.3882, 0.2510
CMYK	0.50, 0.18, 0.00, 0.25
HSL	202°, 43%, 56%
HSV	202°, 50%, 75%
XYZ	26.1163, 30.0253, 53.7092
YIQ	142.0500, -46.9950, -1.8350

Conversions

Conversions Part 2

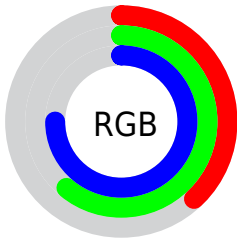
Format	Color
RYB	96, 133, 191
Decimal	6331583
CIELab	61.68, -9.75, -24.10
CIELCh	62, 25.999, 247.969
Yxy	30.0253, 0.2377, 0.2733
Android (android.graphics.Color)	4284521663 (0xFF609CBF)
YUV	142.0500, 24.1324, -40.3858
Hunter-Lab	54.7953, -10.8160, -19.7580

Details

The XYZ color **26.1163, 30.0253, 53.7092** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **31.7143, 28.1545, 14.8302**, and the grayscale version is **25.6527, 26.9886, 29.3906**.

A 20% lighter version of the original color is **52.7840, 59.4840, 96.6952**, and **10.3299, 12.3026, 25.4971** is the 20% darker color. If you saturate the color by 10%, you get **23.1989, 26.8194, 53.2447**, and if you desaturate by 10%, it is **29.5922, 33.6219, 54.2208**.

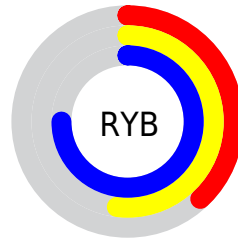
Distribution



Red (38%)

Green (61%)

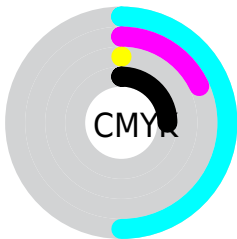
Blue (75%)



Red (38%)

Yellow (52%)

Blue (75%)

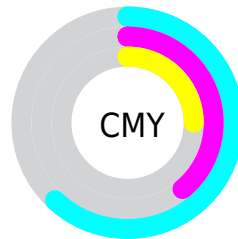


Cyan (50%)

Magenta (18%)

Yellow (0%)

Black (25%)



Cyan (62%)

Magenta (39%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.1163, 30.0253, 53.7092 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 26.1163, 30.0253, 53.7092 by changing the saturation by 10% instead.

■ 26.1163, 30.0253,
53.7092

■ 26.1163, 30.0253,
53.7092

275.5988,
302.0224, 418.1434

■ 17.0438, 19.8578,
37.9776

■ 52.8925, 59.7022,
97.0992

■ 10.3612, 12.2917,
25.6636

■ 71.3269, 79.9804,
125.5948

■ 5.7032, 6.9427,
16.3487

■ 93.6126, 104.3975,
159.1820

■ 2.7044, 3.4263,
9.6142

■ 120.1150,
133.3381, 198.2796

■ 0.9994, 1.3581,
5.0417

151.1995,
167.1865, 243.3060

■ 0.0000, 0.1855,
2.2126

187.2314,

■ 0.0000, 0.0000,

206.3271, 294.6797

0.6816

228.5760,
251.1442, 352.8193

■ 0.0000, 0.0000,
0.0000

■ 26.1163, 30.0253,
53.7092

■ 26.1163, 30.0253,
53.7092

■ 23.1989, 26.8194,
53.2447

■ 29.5922, 33.6219,
54.2208

■ 20.8000, 23.9801,
52.8231

■ 33.6572, 37.6248,
54.7792

■ 18.8785, 21.4850,
52.4428

■ 38.3430, 42.0525,
55.3868

■ 17.3849, 19.3068,
52.1011

■ 43.6779, 46.9214,
56.0454

■ 16.2257, 17.3955,
51.7933

■ 49.6887, 52.2466,
56.7565

■ 16.1969, 17.3473,
51.7855

■ 56.4002, 58.0426,
57.5215

■ 63.8363, 64.3231,
58.3418

■ 72.0194, 71.1012,
59.2188

■ 76.0628, 75.8591,
59.9241

Harmonies

Analogous

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



23.6113, 30.0253, 45.8616



26.1163, 30.0253, 53.7092



29.4699, 30.0253, 55.4064

Triad

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



26.1163, 30.0253, 53.7092



35.6415, 30.0253, 30.1230



24.6402, 30.0253, 19.8623

Complementary

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



26.1163, 30.0253, 53.7092



31.7143, 28.1545, 14.8302

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.



27.6263, 30.0253, 17.2291



26.1163, 30.0253, 53.7092



34.1066, 30.0253, 22.3216

Square

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



26.1163, 30.0253, 53.7092



35.1553, 30.0253, 40.3672



31.1053, 30.0253, 18.0282



22.8083, 30.0253, 26.0579

Rectangle

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



26.1163, 30.0253, 53.7092



31.7711, 30.0253, 52.5568



31.1053, 30.0253, 18.0282



25.5323, 30.0253, 18.5947

Sweetspot

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



26.1173, 30.0264, 53.7099



72.8235, 79.1390, 99.7163



27.5410, 41.3833, 27.9509



15.5523, 16.9755, 21.8422



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



26.1173, 30.0264, 53.7099



40.9794, 47.3818, 95.2649



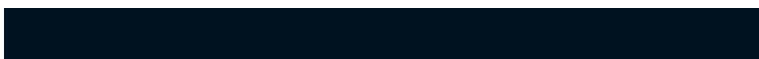
19.6620, 17.1158, 51.5581



9.5050, 10.2024, 12.1405



10.7233, 11.5582, 34.0587



0.4805, 0.5737, 1.3543

Inverse Universe

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



31.6703, 21.8434, 34.0006



52.5267, 32.5858, 53.7823



39.5847, 43.8953, 17.4537



9.7768, 9.6350, 11.2135



16.4134, 8.1965, 12.7363



0.6735, 0.3333, 0.6596

Previews

White Background



This preview shows how the XYZ color 26.1163, 30.0253, 53.7092 looks on a white background.

Color Contrast Check

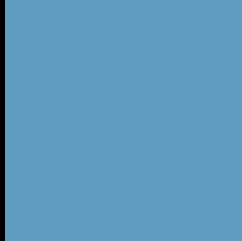
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.1163, 30.0253, 53.7092 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 26.1163, 30.0253, 53.7092

Background



This preview shows how black text looks on a background with the XYZ color 26.1163, 30.0253, 53.7092.

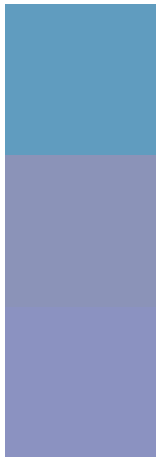


This preview shows how white text looks on a background with the XYZ color 26.1163, 30.0253,

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

26.1163, 30.0253, 53.7092

Protanopia

29.7329, 29.8171, 49.5356

Deuteranopia

30.5520, 29.8970, 54.6125



Tritanopia

24.0610, 29.9485, 43.5422

Trichromacy



Original Color

26.1163, 30.0253, 53.7092

Protanomaly

28.0444, 29.6115, 51.2512

Deuteranomaly

28.5892, 29.8294, 54.1200

Tritanomaly

24.7772, 29.9837, 47.1294

Monochromacy



Original Color

26.1163, 30.0253, 53.7092

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

25.2363, 27.7655, 37.2869

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.1163, 30.0253, 53.7092 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(96, 156, 191)` looks like.

```
.text, #text, p{  
    color:rgb(96, 156, 191)  
}
```

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(96, 156, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 156, 191) }
```

Border

The CSS property to change the border of an element to XYZ 26.1163, 30.0253, 53.7092 is called "border". The border property can be set on classes, ids or directly on the HTML element.

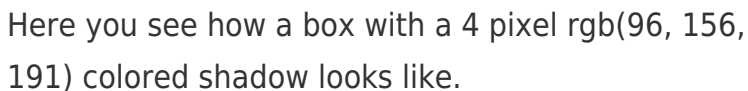
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(96, 156, 191) }
```


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

```
.border{ border-color:rgb(96, 156, 191) }
```

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



Here you see how a box with a 4 pixel `rgb(96, 156, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 156, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 156, 191);  
box-shadow:4px 4px 4px 4px rgb(96, 156,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 26.1163, 30.0253, 53.7092 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 156, 191) }
```

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

```
.background{ background-color: rgb(96, 156,  
191) }
```

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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