

Converting Colors

XYZ(26.9384, 30.6550, 60.3849)

Have a look what the booklet for
XYZ(26.9384, 30.6550, 60.3849)
contains.

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Color

**XYZ(26.8375, 30.5021,
60.3501)**

Conversions

Conversions Part 1

Format	Color
Hex	599DCA
RGB	89, 157, 202
RGB Percent	35%, 62%, 79%
CMY	0.6510, 0.3843, 0.2078
CMYK	0.56, 0.22, 0.00, 0.21
HSL	204°, 52%, 57%
HSV	204°, 56%, 79%
XYZ	26.8375, 30.5021, 60.3501
YIQ	141.7980, -54.9730, -0.4210

Conversions

Conversions Part 2

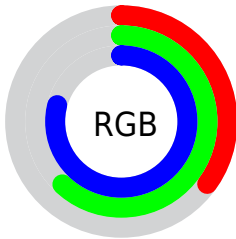
Format	Color
R_{YB}	89, 131, 202
Decimal	5873098
CIE _{Lab}	62.09, -8.55, -29.66
CIE _{LCh}	62, 30.865, 253.918
Yxy	30.5021, 0.2280, 0.2592
Android (android.graphics.Color)	4284063178 (0xFF599DCA)
YUV	141.7980, 29.6796, -46.3038
Hunter-Lab	55.2287, -9.9110, -26.1279

Details

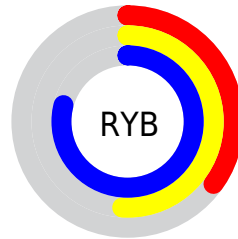
The XYZ color **26.8375, 30.5021, 60.3501** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **34.6865, 30.3294, 13.4784**, and the grayscale version is **25.5345, 26.8643, 29.2552**.

A 20% lighter version of the original color is **53.1983, 59.9195, 103.3695**, and **10.7878, 12.5949, 29.8795** is the 20% darker color. If you saturate the color by 10%, you get **23.8421, 27.0041, 59.8334**, and if you desaturate by 10%, it is **30.4564, 34.4557, 60.9231**.

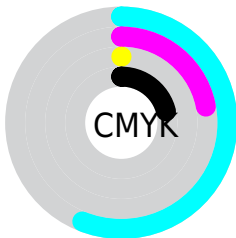
Distribution



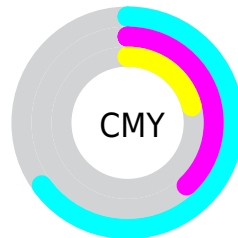
- Red (35%)
- Green (62%)
- Blue (79%)



- Red (35%)
- Yellow (51%)
- Blue (79%)



- Cyan (56%)
- Magenta (22%)
- Yellow (0%)
- Black (21%)



- Cyan (65%)
- Magenta (38%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.8375, 30.5021, 60.3501 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 26.8375, 30.5021, 60.3501 by changing the saturation by 10% instead.

■ 26.8375, 30.5021,
60.3501

■ 26.8375, 30.5021,
60.3501

279.0514,
304.2379, 443.7274

■ 17.5872, 20.2200,
43.2737

■ 54.0447, 60.4553,
106.8857

■ 10.7519, 12.5551,
29.7670

■ 72.7323, 80.8952,
137.1820

■ 5.9663, 7.1229,
19.4112

■ 95.2964, 105.4899,
172.7221

■ 2.8651, 3.5391,
11.7880

■ 122.1023,
134.6237, 213.9245

■ 1.0828, 1.4192,
6.4787

153.5154,
168.6809, 261.2076

■ 0.0107, 0.2308,
3.0648

189.9011,

■ 0.0000, 0.0000,

208.0462, 314.9901

1.1278

231.6246,
253.1037, 375.6906

■ 0.0000, 0.0000,
0.0000

■ 26.8375, 30.5021,
60.3501

■ 26.8375, 30.5021,
60.3501

■ 23.8421, 27.0041,
59.8334

■ 30.4564, 34.4557,
60.9231

■ 21.4206, 23.9318,
59.3680

■ 34.7369, 38.8854,
61.5525

■ 19.5205, 21.2563,
58.9517

■ 39.7175, 43.8139,
62.2413

■ 18.0750, 18.9402,
58.5809

■ 45.4328, 49.2614,
62.9915

■ 17.5661, 18.0749,
58.4407

■ 51.9147, 55.2467,
63.8051

■ 59.1935, 61.7875,
64.6840

■ 67.2975, 68.9007,
65.6299

■ 76.2537, 76.6023,
66.6444

■ 80.0314, 81.7855,
67.4457

Harmonies

Analogous

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



23.6171, 30.5021, 51.7087



26.8375, 30.5021, 60.3501



30.9524, 30.5021, 60.6833

Triad

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



26.8375, 30.5021, 60.3501



37.4427, 30.5021, 28.0148



23.8035, 30.5021, 19.3251

Complementary

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



26.8375, 30.5021, 60.3501



34.6865, 30.3294, 13.4784

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.



27.1149, 30.5021, 15.6077



26.8375, 30.5021, 60.3501



35.1246, 30.5021, 19.7536

Square

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



26.8375, 30.5021, 60.3501



37.3502, 30.5021, 39.9498



31.2574, 30.5021, 15.7431



21.9830, 30.5021, 27.2772

Rectangle

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



26.8375, 30.5021, 60.3501



33.6735, 30.5021, 56.0022



31.2574, 30.5021, 15.7431



24.7646, 30.5021, 17.6336

Sweetspot

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



26.8385, 30.5032, 60.3508



75.5985, 82.1609, 106.4819



29.4280, 46.0403, 29.2806



15.7445, 17.1733, 22.7349



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



26.8385, 30.5032, 60.3508



39.4818, 44.6362, 101.1425



19.5511, 15.9283, 57.9217



11.1538, 11.9481, 14.2887



11.3926, 11.8091, 37.6352



0.6606, 0.7551, 1.9659

Inverse Universe

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



34.0162, 22.1368, 34.3794



53.3875, 31.2102, 50.2026



44.3193, 49.5950, 16.6894



11.4910, 11.3251, 13.1203



17.9613, 8.9951, 12.7810



0.9634, 0.4788, 0.8532

Previews

White Background



This preview shows how the XYZ color 26.8375, 30.5021, 60.3501 looks on a white background.

Color Contrast Check

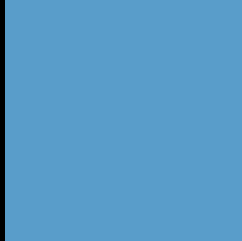
Large Text (above 18pt) WCAG AA × Fail

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 26.8375, 30.5021, 60.3501 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 26.8375, 30.5021, 60.3501

Background



This preview shows how black text looks on a background with the XYZ color 26.8375, 30.5021, 60.3501.

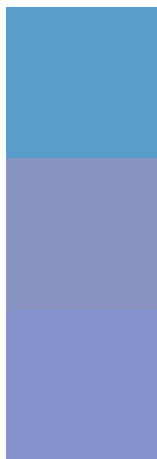


This preview shows how white text looks on a background with the XYZ color 26.8375, 30.5021,

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

26.8375, 30.5021, 60.3501

Protanopia

30.7568, 30.4383, 55.8839

Deuteranopia

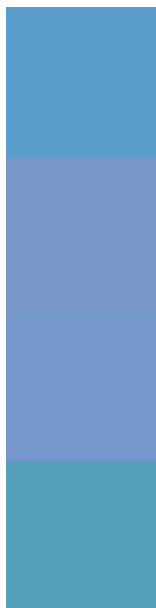
31.0057, 30.2136, 61.3244



Tritanopia

23.8826, 30.5981, 45.2047

Trichromacy



Original Color

26.8375, 30.5021, 60.3501

Protanomaly

29.0054, 30.2035, 57.7272

Deuteranomaly

29.1822, 30.2269, 60.7962

Tritanomaly

24.8950, 30.4834, 50.4707

Monochromacy



Original Color

26.8375, 30.5021, 60.3501

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

25.3029, 27.7587, 39.1463

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.8375, 30.5021, 60.3501 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(89, 157, 202)` looks like.

```
.text, #text, p{  
    color:rgb(89, 157, 202)  
}
```

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(89, 157, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 157, 202) }
```

Border

The CSS property to change the border of an element to XYZ 26.8375, 30.5021, 60.3501 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(89, 157, 202) }
```


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

```
.border{ border-color:rgb(89, 157, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 157, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 157, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 157, 202);  
box-shadow:4px 4px 4px 4px rgb(89, 157,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 26.8375, 30.5021, 60.3501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 157, 202) }
```

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

```
.background{ background-color: rgb(89, 157,  
202) }
```

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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