

Converting Colors

XYZ(26.7304, 28.1233, 60.7987)

Have a look what the booklet for
XYZ(26.7304, 28.1233, 60.7987)
contains.

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Color

**XYZ(26.5800, 27.9459,
60.4931)**

Conversions

Conversions Part 1

Format	Color
Hex	6593CB
RGB	101, 147, 203
RGB Percent	40%, 58%, 80%
CMY	0.6039, 0.4235, 0.2039
CMYK	0.50, 0.28, 0.00, 0.20
HSL	213°, 50%, 60%
HSV	213°, 50%, 80%
XYZ	26.5800, 27.9459, 60.4931
YIQ	139.6300, -45.3920, 7.6640

Conversions

Conversions Part 2

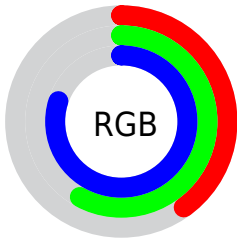
Format	Color
R _Y B	101, 133, 203
Decimal	6656971
CIE Lab	59.84, 0.07, -33.66
CIE LCh	60, 33.658, 270.127
Yxy	27.9459, 0.2311, 0.2430
Android (android.graphics.Color)	4284847051 (0xFF6593CB)
YUV	139.6300, 31.2414, -33.8785
Hunter-Lab	52.8639, -2.7619, -30.8419

Details

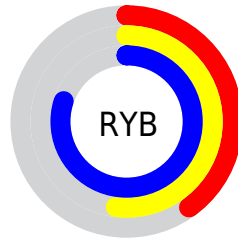
The XYZ color **26.5800, 27.9459, 60.4931** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **39.0355, 37.7513, 17.5424**, and the grayscale version is **24.6801, 25.9654, 28.2763**.

A 20% lighter version of the original color is **52.8413, 56.1614, 102.6629**, and **10.6544, 11.2116, 30.0363** is the 20% darker color. If you saturate the color by 10%, you get **22.9317, 23.6162, 59.8502**, and if you desaturate by 10%, it is **30.9595, 32.9029, 61.2196**.

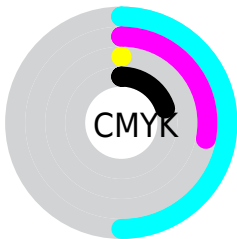
Distribution



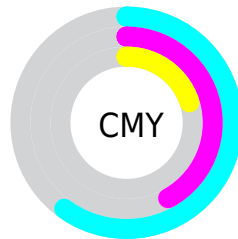
- Red (40%)
- Green (58%)
- Blue (80%)



- Red (40%)
- Yellow (52%)
- Blue (80%)



- Cyan (50%)
- Magenta (28%)
- Yellow (0%)
- Black (20%)



- Cyan (60%)
- Magenta (42%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.5800, 27.9459, 60.4931 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 26.5800, 27.9459, 60.4931 by changing the saturation by 10% instead.

■ 26.5800, 27.9459,
60.4931

■ 26.5800, 27.9459,
60.4931

277.8225,
292.2083, 444.2679

■ 17.3930, 18.2849,
43.3883

■ 53.6338, 56.3981,
107.0950

■ 10.6121, 11.1547,
29.8563

■ 72.2313, 75.9580,
137.4292

■ 5.8720, 6.1710,
19.4784

■ 94.6964, 99.5863,
173.0103

■ 2.8073, 2.9493,
11.8362

■ 121.3944,
127.6675, 214.2568

■ 1.0527, 1.1053,
6.5110

152.6907,
160.5859, 261.5873

■ 0.0000, 0.0000,
3.0845

188.9505,

■ 0.0000, 0.0000,

198.7259, 315.4203

1.1379

230.5394,
242.4719, 376.1743

■ 0.0000, 0.0000,
0.0000

■ 26.5800, 27.9459,
60.4931

■ 26.5800, 27.9459,
60.4931

■ 22.9317, 23.6162,
59.8502

■ 30.9595, 32.9029,
61.2196

■ 19.9648, 19.8795,
59.2853

■ 36.1097, 38.5127,
62.0310

■ 17.6272, 16.7021,
58.7952

■ 42.0704, 44.8029,
62.9309

■ 15.8570, 14.0442,
58.3755

■ 48.8777, 51.7984,
63.9224

■ 14.5677, 11.8881,
58.0273

■ 56.5654, 59.5227,
65.0082

■ 65.1656, 67.9981,
66.1908

■ 74.7084, 77.2460,
67.4729

■ 82.0624, 85.6574,
68.7088

■ 85.3751, 92.2829,
69.8131

Harmonies

Analogous

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



22.6812, 27.9459, 55.6902



26.5800, 27.9459, 60.4931



30.8963, 27.9459, 55.6120

Triad

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



26.5800, 27.9459, 60.4931



34.3087, 27.9459, 20.0925



20.0635, 27.9459, 20.1613

Complementary

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



26.5800, 27.9459, 60.4931



39.0355, 37.7513, 17.5424

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.



22.6528, 27.9459, 14.2940



26.5800, 27.9459, 60.4931



30.8614, 27.9459, 14.2624

Square

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



26.5800, 27.9459, 60.4931



35.6401, 27.9459, 30.3761



26.5435, 27.9459, 12.4604



19.1729, 27.9459, 30.4806

Rectangle

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



26.5800, 27.9459, 60.4931



33.3693, 27.9459, 48.1147



26.5435, 27.9459, 12.4604



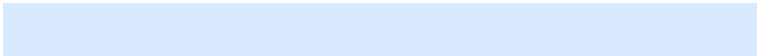
20.7494, 27.9459, 17.7136

Sweetspot

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



26.5810, 27.9469, 60.4938



76.0138, 80.7789, 106.1933



32.6737, 47.8593, 38.7036



15.7557, 16.7601, 22.6546



0.0000, 0.0000, 0.0000



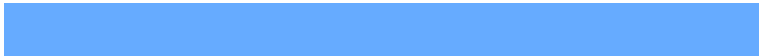
20.3446, 21.4041, 23.3091

Same Dimension

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



26.5810, 27.9469, 60.4938



38.0922, 39.1702, 100.1607



21.1897, 16.5874, 58.5853



11.0114, 11.6632, 14.2412



9.3591, 7.7422, 36.9574



0.5582, 0.5502, 1.9317

Inverse Universe

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



34.5496, 24.1115, 30.4377



53.3420, 33.7030, 42.2215



47.4183, 55.8764, 20.5991



11.4191, 11.2964, 12.7417



16.9349, 8.5846, 7.3761



0.9117, 0.4581, 0.5810

Previews

White Background



This preview shows how the XYZ color 26.5800, 27.9459, 60.4931 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 26.5800, 27.9459, 60.4931 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

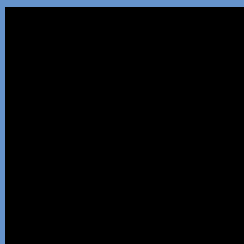
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

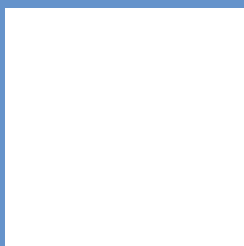
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.5800, 27.9459, 60.4931

Background



This preview shows how black text looks on a background with the XYZ color 26.5800, 27.9459, 60.4931.

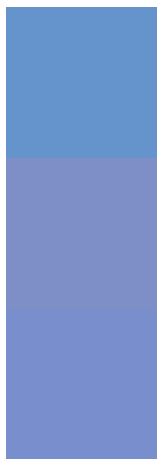


This preview shows how white text looks on a background with the XYZ color 26.5800, 27.9459,

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

26.5800, 27.9459, 60.4931

Protanopia

28.5860, 27.9051, 57.9124

Deuteranopia

28.4572, 27.7706, 60.9871



Tritanopia

22.5584, 27.9882, 40.2897

Trichromacy



Original Color

26.5800, 27.9459, 60.4931

Protanomaly

27.7347, 27.8986, 58.5668

Deuteranomaly

27.8118, 27.8836, 61.0430

Tritanomaly

23.7175, 27.7150, 46.7473

Monochromacy



Original Color

26.5800, 27.9459, 60.4931

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

25.0375, 26.7249, 38.4891

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.5800, 27.9459, 60.4931 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, 147, 203)` looks like.

```
.text, #text, p{  
    color:rgb(101, 147, 203)  
}
```

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, 147, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 147, 203) }
```

Border

The CSS property to change the border of an element to XYZ 26.5800, 27.9459, 60.4931 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, 147, 203) }
```


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

```
.border{ border-color:rgb(101, 147, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 147, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 147, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 147, 203);  
box-shadow:4px 4px 4px 4px rgb(101, 147,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 26.5800, 27.9459, 60.4931 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 147, 203) }
```

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

```
.background{ background-color: rgb(101,  
147, 203) }
```

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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