

Converting Colors

XYZ(26.7856, 28.1047, 63.2987)

Have a look what the booklet for
XYZ(26.7856, 28.1047, 63.2987)
contains.

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Color

**XYZ(26.6260, 27.9138,
63.0161)**

Conversions

Conversions Part 1

Format	Color
Hex	6193CF
RGB	97, 147, 207
RGB Percent	38%, 58%, 81%
CMY	0.6196, 0.4235, 0.1882
CMYK	0.53, 0.29, 0.00, 0.19
HSL	213°, 53%, 60%
HSV	213°, 53%, 81%
XYZ	26.6260, 27.9138, 63.0161
YIQ	138.8900, -49.0600, 8.0600

Conversions

Conversions Part 2

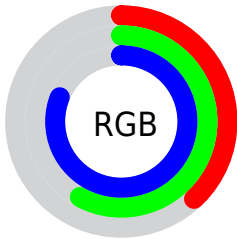
Format	Color
R _Y B	97, 131, 207
Decimal	6394831
CIE Lab	59.81, 0.39, -35.96
CIE LCh	60, 35.965, 270.619
Yxy	27.9138, 0.2265, 0.2375
Android (android.graphics.Color)	4284584911 (0xFF6193CF)
YUV	138.8900, 33.5782, -36.7375
Hunter-Lab	52.8335, -2.5017, -33.7335

Details

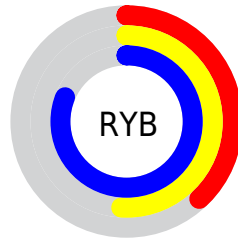
The XYZ color **26.6260, 27.9138, 63.0161** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **39.9481, 38.2442, 16.5870**, and the grayscale version is **24.3878, 25.6578, 27.9414**.

A 20% lighter version of the original color is **52.2631, 55.8633, 102.6359**, and **10.6353, 11.1737, 31.3020** is the 20% darker color. If you saturate the color by 10%, you get **23.0309, 23.5810, 62.3698**, and if you desaturate by 10%, it is **30.9709, 32.8899, 63.7481**.

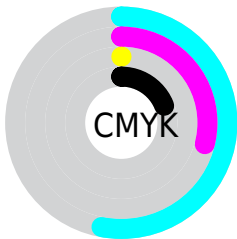
Distribution



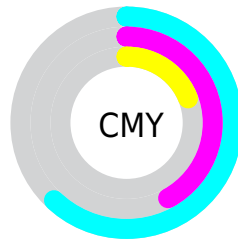
- Red (38%)
- Green (58%)
- Blue (81%)



- Red (38%)
- Yellow (51%)
- Blue (81%)



- Cyan (53%)
- Magenta (29%)
- Yellow (0%)
- Black (19%)



- Cyan (62%)
- Magenta (42%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.6260, 27.9138, 63.0161 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 26.6260, 27.9138, 63.0161 by changing the saturation by 10% instead.

■ 26.6260, 27.9138,
63.0161

■ 26.6260, 27.9138,
63.0161

278.0424,
292.0548, 453.7375

■ 17.4277, 18.2607,
45.4132

■ 53.7073, 56.3468,
110.7785

■ 10.6371, 11.1373,
31.4377

■ 72.3209, 75.8955,
141.7751

■ 5.8888, 6.1593,
20.6711

■ 94.8037, 99.5114,
178.0733

■ 2.8176, 2.9422,
12.6949

■ 121.5210,
127.5791, 220.0916

■ 1.0581, 1.1016,
7.0905

152.8382,
160.4829, 268.2487

■ 0.0000, 0.0000,
3.4395

189.1206,

■ 0.0000, 0.0000,

198.6072, 322.9630

1.3232

230.7335,
242.3363, 384.6531

■ 0.0000, 0.0000,
0.0807

■ 0.0000, 0.0000,
0.0000

■ 26.6260, 27.9138,
63.0161

■ 26.6260, 27.9138,
63.0161

■ 23.0309, 23.5810,
62.3698

■ 30.9709, 32.8899,
63.7481

■ 20.1319, 19.8552,
61.8034

■ 36.1081, 38.5369,
64.5673

■ 17.8720, 16.6996,
61.3135

■ 42.0803, 44.8840,
65.4777

■ 16.1823, 14.0708,
60.8951

■ 48.9262, 51.9577,
66.4822

■ 15.2732, 12.5262,
60.6449

■ 56.6817, 59.7828,
67.5839

■ 65.3809, 68.3829,
68.7854

■ 75.0558, 77.7805,
70.0894

■ 82.8830, 86.5258,
71.3648

■ 86.2619, 93.2837,
72.4911

Harmonies

Analogous

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



22.4612, 27.9138, 57.9157



26.6260, 27.9138, 63.0161



31.2479, 27.9138, 57.5000

Triad

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



26.6260, 27.9138, 63.0161



34.8066, 27.9138, 19.3222



19.6064, 27.9138, 19.6714

Complementary

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



26.6260, 27.9138, 63.0161



39.9481, 38.2442, 16.5870

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.



22.3148, 27.9138, 13.5117



26.6260, 27.9138, 63.0161



31.0654, 27.9138, 13.3544

Square

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



26.6260, 27.9138, 63.0161



36.2904, 27.9138, 30.1231



26.4367, 27.9138, 11.5756



18.7002, 27.9138, 30.6653

Rectangle

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



26.6260, 27.9138, 63.0161



33.8948, 27.9138, 49.2521



26.4367, 27.9138, 11.5756



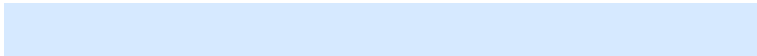
20.3197, 27.9138, 17.0925

Sweetspot

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



26.6270, 27.9148, 63.0168



74.9067, 79.6798, 106.0395



33.2162, 49.5569, 39.1208



15.5382, 16.5445, 22.6244



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.



26.6270, 27.9148, 63.0168



36.0762, 36.7501, 99.7998



20.8680, 15.8033, 60.9826



11.5999, 12.2901, 15.0045



9.7147, 8.0761, 38.2393



0.6220, 0.6092, 2.1644

Inverse Universe

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



35.2742, 23.9226, 30.3630



51.9309, 31.6321, 39.4351



49.1908, 58.2328, 19.9581



12.0290, 11.8963, 13.4283



17.5343, 8.8866, 7.7197



1.0202, 0.5128, 0.6411

Previews

White Background



This preview shows how the XYZ color 26.6260, 27.9138, 63.0161 looks on a white background.

Color Contrast Check

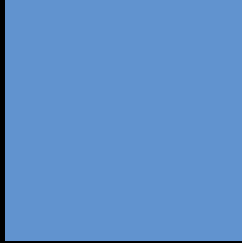
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.6260, 27.9138, 63.0161 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

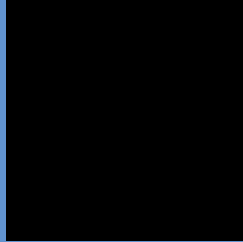
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.6260, 27.9138, 63.0161

Background



This preview shows how black text looks on a background with the XYZ color 26.6260, 27.9138, 63.0161.

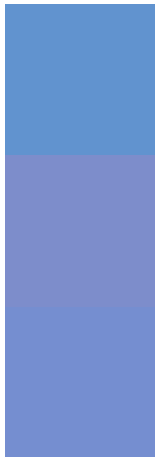


This preview shows how white text looks on a background with the XYZ color 26.6260, 27.9138,

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

26.6260, 27.9138, 63.0161

Protanopia

28.7618, 27.7215, 60.3348

Deuteranopia

28.3943, 27.6820, 63.5211



Tritanopia

22.2637, 28.0717, 40.8042

Trichromacy



Original Color

26.6260, 27.9138, 63.0161

Protanomaly

27.7918, 27.6494, 60.9988

Deuteranomaly

27.7888, 27.8156, 63.5788

Tritanomaly

23.6962, 27.9086, 48.3939

Monochromacy



Original Color

26.6260, 27.9138, 63.0161

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

24.6860, 26.3114, 38.8995

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.6260, 27.9138, 63.0161 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(97, 147, 207)` looks like.

```
.text, #text, p{  
    color:rgb(97, 147, 207)  
}
```

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(97, 147, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 147, 207) }
```

Border

The CSS property to change the border of an element to XYZ 26.6260, 27.9138, 63.0161 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(97, 147, 207) }
```


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

```
.border{ border-color:rgb(97, 147, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 147, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 147, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 147, 207);  
box-shadow:4px 4px 4px 4px rgb(97, 147,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 26.6260, 27.9138, 63.0161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 147, 207) }
```

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

```
.background{ background-color: rgb(97, 147,  
207) }
```

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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