

Converting Colors

XYZ(26.6967, 27.9050, 56.1185)

Have a look what the booklet for
XYZ(26.6967, 27.9050, 56.1185)
contains.

XYZ(26.6731, 27.8583, 56.1959)	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(26.6731, 27.8583,
56.1959)**

Conversions

Conversions Part 1

Format	Color
Hex	6E92C4
RGB	110, 146, 196
RGB Percent	43%, 57%, 77%
CMY	0.5686, 0.4274, 0.2314
CMYK	0.44, 0.26, 0.00, 0.23
HSL	215°, 42%, 60%
HSV	215°, 44%, 77%
XYZ	26.6731, 27.8583, 56.1959
YIQ	140.9360, -37.5060, 7.9180

Conversions

Conversions Part 2

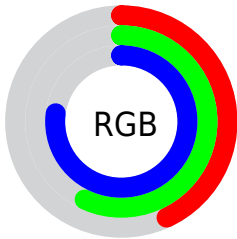
Format	Color
R_{YB}	110, 135, 196
Decimal	7246532
CIE Lab	59.76, 0.80, -29.81
CIE LCh	60, 29.816, 271.534
Yxy	27.8583, 0.2409, 0.2516
Android (android.graphics.Color)	4285436612 (0xFF6E92C4)
YUV	140.9360, 27.1466, -27.1309
Hunter-Lab	52.7810, -2.1609, -26.1794

Details

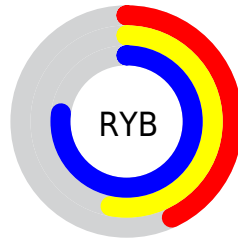
The XYZ color **26.6731, 27.8583, 56.1959** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **38.1510, 38.0041, 20.0777**, and the grayscale version is **25.2007, 26.5131, 28.8728**.

A 20% lighter version of the original color is **53.9009, 56.3997, 100.9739**, and **10.6962, 11.1595, 27.1814** is the 20% darker color. If you saturate the color by 10%, you get **22.8290, 23.3980, 55.5381**, and if you desaturate by 10%, it is **31.2336, 32.9489, 56.9386**.

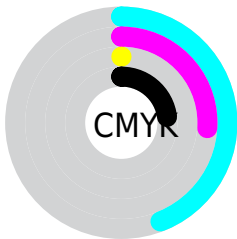
Distribution



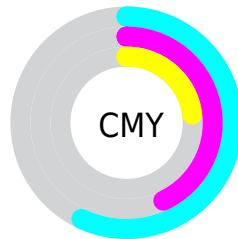
- Red (43%)
- Green (57%)
- Blue (77%)



- Red (43%)
- Yellow (53%)
- Blue (77%)



- Cyan (44%)
- Magenta (26%)
- Yellow (0%)
- Black (23%)



- Cyan (57%)
- Magenta (43%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.6731, 27.8583, 56.1959 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 26.6731, 27.8583, 56.1959 by changing the saturation by 10% instead.

■ 26.6731, 27.8583,
56.1959

■ 26.6731, 27.8583,
56.1959

278.2673,
291.7892, 427.8384

■ 17.4632, 18.2189,
39.9550

■ 53.7824, 56.2581,
100.7796

■ 10.6626, 11.1072,
27.1899

■ 72.4126, 75.7873,
129.9594

■ 5.9061, 6.1390,
17.4822

■ 94.9135, 99.3819,
164.2893

■ 2.8282, 2.9298,
10.4133

■ 121.6506,
127.4262, 204.1878

■ 1.0636, 1.0952,
5.5647

152.9891,
160.3047, 250.0734

■ 0.0000, 0.0000,
2.5178

189.2945,

■ 0.0000, 0.0000,

198.4018, 302.3647

0.8495

230.9322,
242.1018, 361.4802

■ 0.0000, 0.0000,
0.0000

■ 26.6731, 27.8583,
56.1959

■ 26.6731, 27.8583,
56.1959

■ 22.8290, 23.3980,
55.5381

■ 31.2336, 32.9489,
56.9386

■ 19.6573, 19.5362,
54.9599

■ 36.5451, 38.6934,
57.7675

■ 17.1133, 16.2425,
54.4582

■ 42.6435, 45.1177,
58.6861

■ 15.1450, 13.4816,
54.0290

■ 49.5611, 52.2452,
59.6972

■ 13.6901, 11.2127,
53.6678

■ 57.3286, 60.0983,
60.8036

■ 12.9847, 10.0272,
53.4761

■ 65.9750, 68.6980,
62.0078

■ 75.5277, 78.0648,
63.3123

■ 81.5361, 85.9100,
64.5099

■ 84.9441, 92.7260,
65.6459

Harmonies

Analogous

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



23.1697, 27.8583, 52.5029



26.6731, 27.8583, 56.1959



30.4558, 27.8583, 51.7054

Triad

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



26.6731, 27.8583, 56.1959



33.1540, 27.8583, 20.7145



20.6005, 27.8583, 21.4704

Complementary

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



26.6731, 27.8583, 56.1959



38.1510, 38.0041, 20.0777

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.



22.8634, 27.8583, 15.8496



26.6731, 27.8583, 56.1959



30.0881, 27.8583, 15.4916

Square

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



26.6731, 27.8583, 56.1959



34.4107, 27.8583, 29.7803



26.2848, 27.8583, 13.9462



19.8698, 27.8583, 30.8924

Rectangle

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



26.6731, 27.8583, 56.1959



32.5730, 27.8583, 45.1757



26.2848, 27.8583, 13.9462



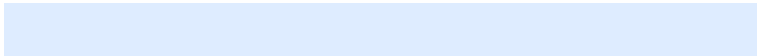
21.1959, 27.8583, 19.1596

Sweetspot

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



26.6741, 27.8593, 56.1966



78.0451, 82.5596, 106.4299



32.4061, 45.2895, 39.7144



16.1428, 17.0852, 22.6969



0.0000, 0.0000, 0.0000



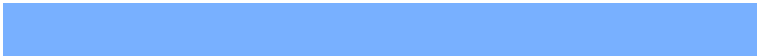
20.3446, 21.4041, 23.3091

Same Dimension

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



26.6741, 27.8593, 56.1966



41.3836, 42.4197, 100.6144



22.7078, 18.8332, 54.6634



9.8670, 10.4253, 12.7771



8.4242, 6.6048, 34.3875



0.4320, 0.4214, 1.5085

Inverse Universe

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



33.5300, 24.9640, 30.2464



55.8170, 37.8083, 45.6506



43.8569, 51.5878, 22.3989



10.2442, 10.1463, 11.3764



15.6481, 7.9490, 6.0590



0.7104, 0.3572, 0.4426

Previews

White Background



This preview shows how the XYZ color 26.6731, 27.8583, 56.1959 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 26.6731, 27.8583, 56.1959 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

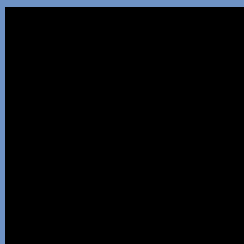
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

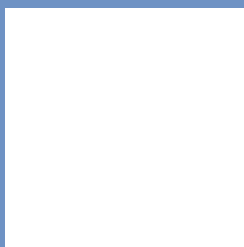
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.6731, 27.8583, 56.1959

Background



This preview shows how black text looks on a background with the XYZ color 26.6731, 27.8583, 56.1959.

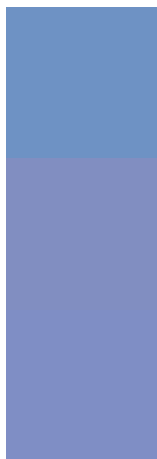


This preview shows how white text looks on a background with the XYZ color 26.6731, 27.8583,

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

26.6731, 27.8583, 56.1959

Protanopia

28.3519, 27.8634, 54.3359

Deuteranopia

28.5034, 27.8892, 56.7042



Tritanopia

23.2959, 27.9035, 39.2801

Trichromacy



Original Color

26.6731, 27.8583, 56.1959

Protanomaly

27.5861, 27.6775, 54.9273

Deuteranomaly

27.7857, 27.7411, 56.7134

Tritanomaly

24.4517, 27.8903, 45.1689

Monochromacy



Original Color

26.6731, 27.8583, 56.1959

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

25.4614, 26.9640, 37.5808

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.6731, 27.8583, 56.1959 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(110, 146, 196)` looks like.

```
.text, #text, p{  
    color:rgb(110, 146, 196)  
}
```

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(110, 146, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 146, 196) }
```

Border

The CSS property to change the border of an element to XYZ 26.6731, 27.8583, 56.1959 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(110, 146, 196) }
```


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

```
.border{ border-color:rgb(110, 146, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 146, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 146, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 146, 196);  
box-shadow:4px 4px 4px 4px rgb(110, 146,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 26.6731, 27.8583, 56.1959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 146, 196) }
```

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

```
.background{ background-color: rgb(110,  
146, 196) }
```

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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