

Converting Colors

XYZ(26.6210, 28.9275, 51.1945)

Have a look what the booklet for
XYZ(26.6210, 28.9275, 51.1945)
contains.

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Color

**XYZ(26.5581, 28.8453,
51.1816)**

Conversions

Conversions Part 1

Format	Color
Hex	7096BB
RGB	112, 150, 187
RGB Percent	44%, 59%, 73%
CMY	0.5608, 0.4118, 0.2667
CMYK	0.40, 0.20, 0.00, 0.27
HSL	210°, 36%, 59%
HSV	210°, 40%, 73%
XYZ	26.5581, 28.8453, 51.1816
YIQ	142.8560, -34.5250, 3.4510

Conversions

Conversions Part 2

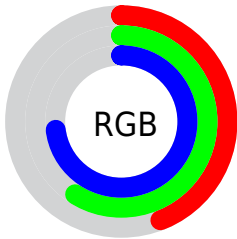
Format	Color
R _Y B	112, 137, 187
Decimal	7378619
CIE Lab	60.64, -3.48, -23.36
CIE LCh	61, 23.618, 261.515
Yxy	28.8453, 0.2492, 0.2706
Android (android.graphics.Color)	4285568699 (0xFF7096BB)
YUV	142.8560, 21.7630, -27.0607
Hunter-Lab	53.7078, -5.7218, -18.9057

Details

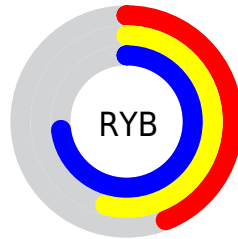
The XYZ color **26.5581, 28.8453, 51.1816** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **34.1663, 33.2303, 19.9436**, and the grayscale version is **25.9777, 27.3305, 29.7629**.

A 20% lighter version of the original color is **53.4964, 57.7638, 93.1240**, and **10.5685, 11.5747, 24.2314** is the 20% darker color. If you saturate the color by 10%, you get **23.0068, 24.9151, 50.6107**, and if you desaturate by 10%, it is **30.7213, 33.2643, 51.8156**.

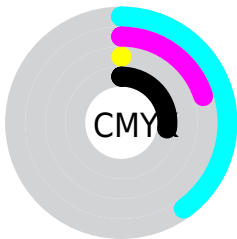
Distribution



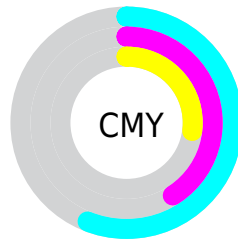
- Red (44%)
- Green (59%)
- Blue (73%)



- Red (44%)
- Yellow (54%)
- Blue (73%)



- Cyan (40%)
- Magenta (20%)
- Yellow (0%)
- Black (27%)



- Cyan (56%)
- Magenta (41%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.5581, 28.8453, 51.1816 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 26.5581, 28.8453, 51.1816 by changing the saturation by 10% instead.

■ 26.5581, 28.8453,
51.1816

■ 26.5581, 28.8453,
51.1816

277.7178,
296.4843, 408.1356

■ 17.3765, 18.9638,
35.9754

■ 53.5988, 57.8312,
93.3374

■ 10.6002, 11.6441,
24.1257

■ 72.1887, 77.7044,
121.1241

■ 5.8640, 6.5019,
15.2138

■ 94.6453, 101.6770,
153.9414

■ 2.8024, 3.1526,
8.8213

121.3341,
130.1334, 192.2078

■ 1.0502, 1.2119,
4.5296

152.6204,
163.4579, 236.3419

■ 0.0000, 0.0714,
1.9201

188.8696,

■ 0.0000, 0.0000,

202.0350, 286.7622

0.5055

230.4469,
246.2490, 343.8873

■ 0.0000, 0.0000,
0.0000

■ 26.5581, 28.8453,
51.1816

■ 26.5581, 28.8453,
51.1816

■ 23.0068, 24.9151,
50.6107

■ 30.7213, 33.2643,
51.8156

■ 20.0311, 21.4491,
50.0985

■ 35.5244, 38.1884,
52.5129

■ 17.5950, 18.4253,
49.6433

■ 40.9968, 43.6371,
53.2762

■ 15.6565, 15.8179,
49.2422

■ 47.1652, 49.6278,
54.1074

■ 14.1666, 13.5971,
48.8920

■ 54.0549, 56.1769,
55.0084

■ 13.0393, 11.7270,
48.5905

■ 61.6896, 63.3001,
55.9809

■ 70.0923, 71.0125,
57.0267

■ 76.8129, 78.0543,
58.0317

■ 79.3571, 83.1427,
58.8798

Harmonies

Analogous

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



23.9177, 28.8453, 46.5201



26.5581, 28.8453, 51.1816



29.6302, 28.8453, 49.8241

Triad

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



26.5581, 28.8453, 51.1816



33.2590, 28.8453, 25.6274



23.0665, 28.8453, 22.0501

Complementary

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



26.5581, 28.8453, 51.1816



34.1663, 33.2303, 19.9436

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.



25.3161, 28.8453, 18.2013



26.5581, 28.8453, 51.1816



31.2411, 28.8453, 19.9836

Square

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



26.5581, 28.8453, 51.1816



33.6534, 28.8453, 33.9585



28.2934, 28.8453, 17.5224



22.0023, 28.8453, 28.9878

Rectangle

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



26.5581, 28.8453, 51.1816



31.5017, 28.8453, 45.7803



28.2934, 28.8453, 17.5224



23.7009, 28.8453, 20.4101

Sweetspot

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



26.5590, 28.8464, 51.1823



71.2758, 76.0356, 95.1211



29.8183, 41.1321, 34.4895



15.4057, 16.4569, 20.9071



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



26.5590, 28.8464, 51.1823



41.9895, 45.5094, 90.7725



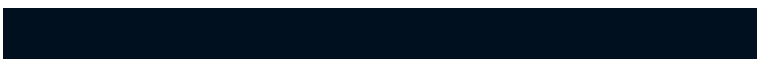
21.5857, 18.8998, 49.5245



9.4053, 10.0028, 12.1072



9.0565, 8.2248, 33.5031



0.4201, 0.4529, 1.3341

Inverse Universe

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



31.7935, 24.3561, 31.8808



52.9058, 37.3335, 50.2535



40.9250, 46.7478, 22.1965



9.7264, 9.6149, 10.9483



15.5721, 7.8600, 8.3062



0.6430, 0.3211, 0.4991

Previews

White Background



This preview shows how the XYZ color 26.5581, 28.8453, 51.1816 looks on a white background.

Color Contrast Check

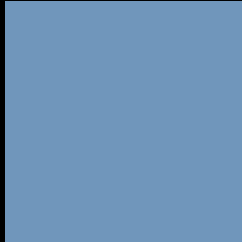
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.5581, 28.8453, 51.1816 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

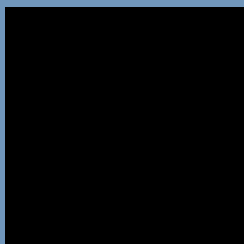
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

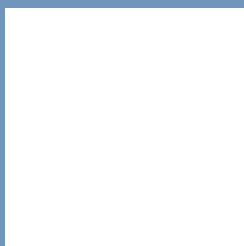
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.5581, 28.8453, 51.1816

Background



This preview shows how black text looks on a background with the XYZ color 26.5581, 28.8453, 51.1816.

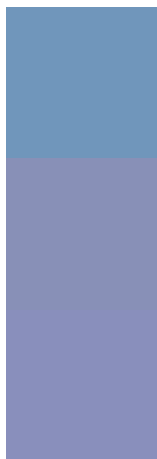


This preview shows how white text looks on a background with the XYZ color 26.5581, 28.8453,

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

26.5581, 28.8453, 51.1816

Protanopia

28.6738, 28.5997, 48.8088

Deuteranopia

29.2161, 28.5941, 51.5563



Tritanopia

24.5019, 28.9902, 40.3807

Trichromacy



Original Color

26.5581, 28.8453, 51.1816

Protanomaly

27.6830, 28.5305, 49.3953

Deuteranomaly

28.2581, 28.7778, 51.6423

Tritanomaly

25.3379, 29.0897, 44.3238

Monochromacy



Original Color

26.5581, 28.8453, 51.1816

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

26.0526, 27.9665, 36.8258

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.5581, 28.8453, 51.1816 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(112, 150, 187)` looks like.

```
.text, #text, p{  
    color:rgb(112, 150, 187)  
}
```

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(112, 150, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 150, 187) }
```

Border

The CSS property to change the border of an element to XYZ 26.5581, 28.8453, 51.1816 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(112, 150, 187) }
```


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

```
.border{ border-color:rgb(112, 150, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 150, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(112, 150, 187); -webkit-box-shadow:4px 4px 4px 4px rgb(112, 150, 187); box-shadow:4px 4px 4px 4px rgb(112, 150, 187) }
```

Background

The CSS property to change the background color of an element to XYZ 26.5581, 28.8453, 51.1816 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 150, 187) }
```

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

```
.background{ background-color: rgb(112,  
150, 187) }
```

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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