

Converting Colors

XYZ(26.6627, 28.0112, 51.6193)

Have a look what the booklet for
XYZ(26.6627, 28.0112, 51.6193)
contains.

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Color

**XYZ(26.5584, 27.9016,
51.5627)**

Conversions

Conversions Part 1

Format	Color
Hex	7492BC
RGB	116, 146, 188
RGB Percent	45%, 57%, 74%
CMY	0.5451, 0.4274, 0.2627
CMYK	0.38, 0.22, 0.00, 0.26
HSL	215°, 35%, 60%
HSV	215°, 38%, 74%
XYZ	26.5584, 27.9016, 51.5627
YIQ	141.8180, -31.3620, 6.7020

Conversions

Conversions Part 2

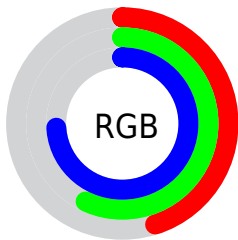
Format	Color
R _Y B	116, 137, 188
Decimal	7639740
CIE Lab	59.80, 0.16, -25.20
CIE LCh	60, 25.203, 270.362
Yxy	27.9016, 0.2505, 0.2632
Android (android.graphics.Color)	4285829820 (0xFF7492BC)
YUV	141.8180, 22.7677, -22.6424
Hunter-Lab	52.8220, -2.6903, -20.9012

Details

The XYZ color **26.5584, 27.9016, 51.5627** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **36.1188, 36.4065, 21.6474**, and the grayscale version is **25.5618, 26.8930, 29.2865**.

A 20% lighter version of the original color is **53.5610, 56.3863, 93.6486**, and **10.6704, 11.2050, 24.5221** is the 20% darker color. If you saturate the color by 10%, you get **22.6976, 23.5214, 50.9212**, and if you desaturate by 10%, it is **31.0889, 32.8690, 52.2832**.

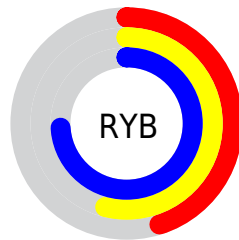
Distribution



Red (45%)

Green (57%)

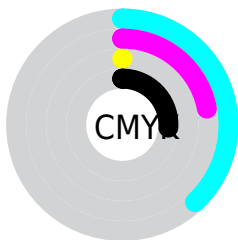
Blue (74%)



Red (45%)

Yellow (54%)

Blue (74%)

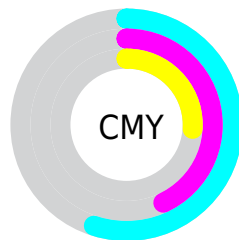


Cyan (38%)

Magenta (22%)

Yellow (0%)

Black (26%)



Cyan (55%)

Magenta (43%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.5584, 27.9016, 51.5627 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 26.5584, 27.9016, 51.5627 by changing the saturation by 10% instead.

■ 26.5584, 27.9016,
51.5627

■ 26.5584, 27.9016,
51.5627

277.7193,
291.9964, 409.6549

■ 17.3767, 18.2515,
36.2768

■ 53.5993, 56.3273,
93.9060

■ 10.6004, 11.1307,
24.3567

■ 72.1893, 75.8717,
121.8005

■ 5.8641, 6.1548,
15.3838

■ 94.6460, 99.4830,
154.7349

■ 2.8025, 2.9394,
8.9396

121.3349,
127.5455, 193.1278

■ 1.0502, 1.1002,
4.6055

152.6214,
160.4438, 237.3977

■ 0.0000, 0.0000,
1.9631

188.8707,

■ 0.0000, 0.0000,

198.5620, 287.9631

0.5324

230.4482,
242.2848, 345.2427

■ 0.0000, 0.0000,
0.0000

■ 26.5584, 27.9016,
51.5627

■ 26.5584, 27.9016,
51.5627

■ 22.6976, 23.5214,
50.9212

■ 31.0889, 32.8690,
52.2832

■ 19.4685, 19.7004,
50.3539

■ 36.3189, 38.4436,
53.0836

■ 16.8334, 16.4125,
49.8581

■ 42.2796, 44.6483,
53.9670

■ 14.7486, 13.6278,
49.4305

■ 48.9992, 51.5037,
54.9361

■ 13.1638, 11.3127,
49.0672

■ 56.5047, 59.0296,
55.9932

■ 12.0009, 9.4187,
48.7629

■ 64.8216, 67.2445,
57.1405

■ 11.8255, 9.1274,
48.7159

■ 73.9740, 76.1666,
58.3802

■ 79.6646, 83.5857,
59.5123

■ 82.8794, 90.0152,
60.5839

Harmonies

Analogous

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



23.5991, 27.9016, 48.3600



26.5584, 27.9016, 51.5627



29.7441, 27.9016, 48.2088

Triad

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



26.5584, 27.9016, 51.5627



32.1752, 27.9016, 22.3341



21.5352, 27.9016, 22.4910

Complementary

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



26.5584, 27.9016, 51.5627



36.1188, 36.4065, 21.6474

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.



23.5370, 27.9016, 17.5982



26.5584, 27.9016, 51.5627



29.6717, 27.9016, 17.5212

Square

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



26.5584, 27.9016, 51.5627



33.1420, 27.9016, 30.2693



26.4809, 27.9016, 15.9760



20.8440, 27.9016, 30.4912

Rectangle

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



26.5584, 27.9016, 51.5627



31.5319, 27.9016, 43.0283



26.4809, 27.9016, 15.9760



22.0688, 27.9016, 20.4906

Sweetspot

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



26.5593, 27.9027, 51.5634



73.3709, 77.5558, 97.3289



31.2551, 42.1076, 38.2898



15.4580, 16.3459, 20.8829



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.



26.5593, 27.9027, 51.5634



42.1395, 43.7869, 92.4569



23.1804, 20.1730, 50.2495



9.3343, 9.8610, 12.0836



8.1212, 6.3541, 33.1913



0.3828, 0.3783, 1.3217

Inverse Universe

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



32.1735, 25.2583, 30.3748



54.0119, 39.1904, 47.4256



40.7122, 47.3198, 23.5117



9.6906, 9.6005, 10.7597



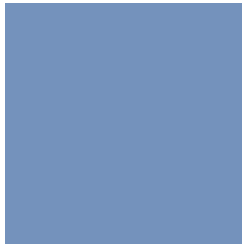
15.1000, 7.6711, 5.8200



0.6241, 0.3136, 0.4000

Previews

White Background



This preview shows how the XYZ color 26.5584, 27.9016, 51.5627 looks on a white background.

Color Contrast Check

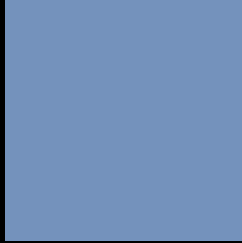
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.5584, 27.9016, 51.5627 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

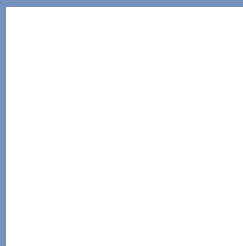
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.5584, 27.9016, 51.5627

Background



This preview shows how black text looks on a background with the XYZ color 26.5584, 27.9016, 51.5627.



This preview shows how white text looks on a background with the XYZ color 26.5584, 27.9016,

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

26.5584, 27.9016, 51.5627

Protanopia

27.9457, 27.7543, 49.7832

Deuteranopia

28.3831, 27.7104, 51.9968



Tritanopia

24.1079, 28.0926, 38.8021

Trichromacy



Original Color

26.5584, 27.9016, 51.5627

Protanomaly

27.2896, 27.6257, 50.3484

Deuteranomaly

27.7602, 27.8311, 52.0529

Tritanomaly

24.8759, 27.9182, 43.1074

Monochromacy



Original Color

26.5584, 27.9016, 51.5627

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

25.7533, 27.1347, 36.6811

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.5584, 27.9016, 51.5627 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(116, 146, 188)` looks like.

```
.text, #text, p{  
    color:rgb(116, 146, 188)  
}
```

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(116, 146, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 146, 188) }
```

Border

The CSS property to change the border of an element to XYZ 26.5584, 27.9016, 51.5627 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(116, 146, 188) }
```


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

```
.border{ border-color:rgb(116, 146, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 146, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 146, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 146, 188);  
box-shadow:4px 4px 4px 4px rgb(116, 146,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 26.5584, 27.9016, 51.5627 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 146, 188) }
```

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

```
.background{ background-color: rgb(116,  
146, 188) }
```

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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