

Converting Colors

XYZ(26.0088, 27.4516, 48.7276)

Have a look what the booklet for
XYZ(26.0088, 27.4516, 48.7276)
contains.

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Color

**XYZ(26.0088, 27.4516,
48.7276)**

Conversions

Conversions Part 1

Format	Color
Hex	7591B7
RGB	117, 145, 183
RGB Percent	46%, 57%, 72%
CMY	0.5412, 0.4314, 0.2823
CMYK	0.36, 0.21, 0.00, 0.28
HSL	215°, 31%, 59%
HSV	215°, 36%, 72%
XYZ	26.0088, 27.4516, 48.7276
YIQ	140.9600, -28.8860, 5.8820

Conversions

Conversions Part 2

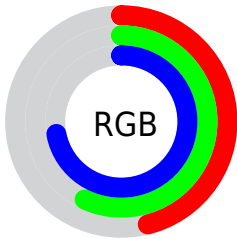
Format	Color
R_{YB}	117, 137, 183
Decimal	7705015
CIE _{Lab}	59.39, -0.35, -23.00
CIE _{LCh}	59, 23.000, 269.139
Yxy	27.4516, 0.2545, 0.2686
Android (android.graphics.Color)	4285895095 (0xFF7591B7)
YUV	140.9600, 20.7257, -21.0129
Hunter-Lab	52.3943, -3.0816, -18.4648

Details

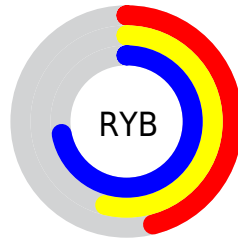
The XYZ color **26.0088, 27.4516, 48.7276** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **34.4613, 34.7950, 21.7305**, and the grayscale version is **25.2320, 26.5460, 28.9086**.

A 20% lighter version of the original color is **52.7980, 55.7368, 89.6369**, and **10.3014, 10.9199, 22.6839** is the 20% darker color. If you saturate the color by 10%, you get **22.2502, 23.2343, 48.1122**, and if you desaturate by 10%, it is **30.3991, 32.2175, 49.4166**.

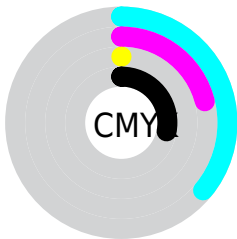
Distribution



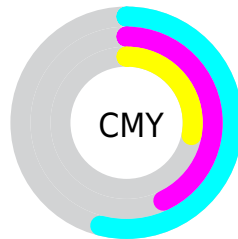
- Red (46%)
- Green (57%)
- Blue (72%)



- Red (46%)
- Yellow (54%)
- Blue (72%)



- Cyan (36%)
- Magenta (21%)
- Yellow (0%)
- Black (28%)



- Cyan (54%)
- Magenta (43%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.0088, 27.4516, 48.7276 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 26.0088, 27.4516, 48.7276 by changing the saturation by 10% instead.

■ 26.0088, 27.4516,
48.7276

■ 26.0088, 27.4516,
48.7276

275.0812,
289.8371, 398.2606

■ 16.9629, 17.9127,
34.0394

■ 52.7203, 55.6077,
89.6635

■ 10.3032, 10.8873,
22.6462

■ 71.1167, 74.9937,
116.7483

■ 5.6643, 5.9911,
14.1297

■ 93.3607, 98.4308,
148.8024

■ 2.6807, 2.8397,
8.0711

119.8175,
126.3034, 186.2442

■ 0.9873, 1.0486,
4.0521

150.8527,
158.9959, 229.4924

■ 0.0000, 0.0000,
1.6540

186.8314,

■ 0.0000, 0.0000,

196.8928, 278.9655

0.3289

228.1191,
240.3784, 335.0821

■ 0.0000, 0.0000,
0.0000

■ 26.0088, 27.4516,
48.7276

■ 26.0088, 27.4516,
48.7276

■ 22.2502, 23.2343,
48.1122

■ 30.3991, 32.2175,
49.4166

■ 19.0886, 19.5398,
47.5657

■ 35.4483, 37.5499,
50.1797

■ 16.4895, 16.3447,
47.0860

■ 41.1850, 43.4697,
51.0200

■ 14.4137, 13.6222,
46.6699

■ 47.6352, 49.9958,
51.9397

■ 12.8158, 11.3421,
46.3140

■ 54.8236, 57.1459,
52.9410

■ 11.6386, 9.4676,
46.0142

■ 62.7737, 64.9373,
54.0258

■ 11.2460, 8.8163,
45.9092

■ 71.5079, 73.3864,
55.1963

■ 77.8878, 80.8800,
56.3065

■ 80.8973, 86.8988,
57.3096

Harmonies

Analogous

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



23.3520, 27.4516, 45.6841



26.0088, 27.4516, 48.7276



28.8837, 27.4516, 46.0010

Triad

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



26.0088, 27.4516, 48.7276



31.2363, 27.4516, 22.8106



21.6192, 27.4516, 22.4676

Complementary

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



26.0088, 27.4516, 48.7276



34.4613, 34.7950, 21.7305

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.



23.4861, 27.4516, 18.0630



26.0088, 27.4516, 48.7276



29.0382, 27.4516, 18.2339

Square

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



26.0088, 27.4516, 48.7276



32.0328, 27.4516, 30.1291



26.1752, 27.4516, 16.6665



20.9351, 27.4516, 29.6524

Rectangle

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



26.0088, 27.4516, 48.7276



30.5103, 27.4516, 41.5185



26.1752, 27.4516, 16.6665



22.1221, 27.4516, 20.6650

Sweetspot

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



26.0097, 27.4527, 48.7282



68.3461, 72.2934, 90.5875



30.1365, 39.9960, 36.8793



14.7926, 15.6542, 19.9635



88.6918, 93.3107, 101.6153



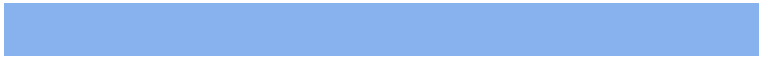
17.8044, 18.7317, 20.3988

Same Dimension

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



26.0097, 27.4527, 48.7282



41.3356, 43.3040, 86.4156



22.8508, 20.2364, 47.5019



8.8259, 9.3290, 11.4149



7.9104, 6.2805, 32.0484



0.3405, 0.3446, 1.1503

Inverse Universe

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



31.0014, 24.8352, 29.9488



51.7436, 38.6393, 47.0813



38.6431, 44.6880, 23.4196



9.1585, 9.0738, 10.1819



14.6065, 7.4164, 5.8146



0.5460, 0.2739, 0.3687

Previews

White Background



This preview shows how the XYZ color 26.0088, 27.4516, 48.7276 looks on a white background.

Color Contrast Check

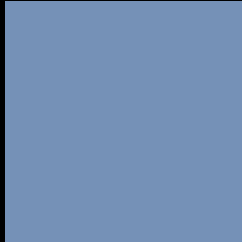
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.0088, 27.4516, 48.7276 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

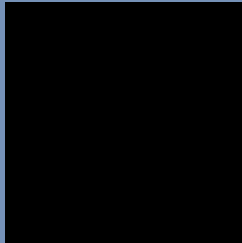
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

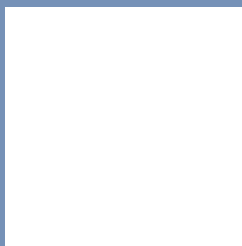
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.0088, 27.4516, 48.7276

Background



This preview shows how black text looks on a background with the XYZ color 26.0088, 27.4516, 48.7276.



This preview shows how white text looks on a background with the XYZ color 26.0088, 27.4516,

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

26.0088, 27.4516, 48.7276

Protanopia

27.4360, 27.3316, 47.0095

Deuteranopia

27.8613, 27.2852, 49.1455



Tritanopia

23.8626, 27.5128, 37.7710

Trichromacy



Original Color

26.0088, 27.4516, 48.7276

Protanomaly

26.7659, 27.1942, 47.5544

Deuteranomaly

27.2268, 27.3959, 49.2003

Tritanomaly

24.6908, 27.6218, 41.5663

Monochromacy



Original Color

26.0088, 27.4516, 48.7276

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

25.1895, 26.6518, 35.2692

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.0088, 27.4516, 48.7276 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(117, 145, 183)` looks like.

```
.text, #text, p{  
    color:rgb(117, 145, 183)  
}
```

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(117, 145, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 145, 183) }
```

Border

The CSS property to change the border of an element to XYZ 26.0088, 27.4516, 48.7276 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(117, 145, 183) }
```


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

```
.border{ border-color:rgb(117, 145, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 145, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 145, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 145, 183);  
box-shadow:4px 4px 4px 4px rgb(117, 145,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 26.0088, 27.4516, 48.7276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 145, 183) }
```

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

```
.background{ background-color: rgb(117,  
145, 183) }
```

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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