

Converting Colors

XYZ(26.5133, 24.8916, 68.3729)

Have a look what the booklet for
XYZ(26.5133, 24.8916, 68.3729)
contains.

XYZ(26.5133, 24.8916, 68.3729)	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(26.5133, 24.8916,
68.3729)**

Conversions

Conversions Part 1

Format	Color
Hex	6786D8
RGB	103, 134, 216
RGB Percent	40%, 53%, 85%
CMY	0.5961, 0.4745, 0.1529
CMYK	0.52, 0.38, 0.00, 0.15
HSL	224°, 59%, 63%
HSV	224°, 52%, 85%
XYZ	26.5133, 24.8916, 68.3729
YIQ	134.0790, -44.7980, 18.9300

Conversions

Conversions Part 2

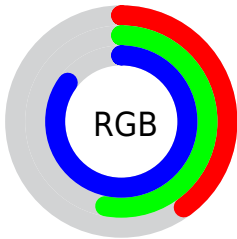
Format	Color
RYB	103, 127, 216
Decimal	6784728
CIELab	56.97, 12.17, -45.46
CIELCh	57, 47.058, 284.991
Yxy	24.8916, 0.2214, 0.2078
Android (android.graphics.Color)	4284974808 (0xFF6786D8)
YUV	134.0790, 40.3871, -27.2563
Hunter-Lab	49.8915, 7.5483, -46.3289

Details

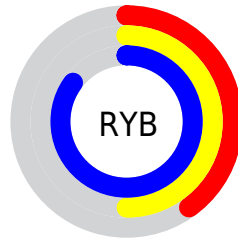
The XYZ color **26.5133, 24.8916, 68.3729** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **48.1175, 50.2783, 20.0021**, and the grayscale version is **22.5580, 23.7327, 25.8450**.

A 20% lighter version of the original color is **50.3175, 50.2342, 101.6519**, and **10.6364, 9.5624, 35.0034** is the 20% darker color. If you saturate the color by 10%, you get **22.3400, 19.7592, 67.6027**, and if you desaturate by 10%, it is **31.6496, 30.9979, 69.2813**.

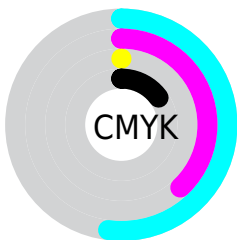
Distribution



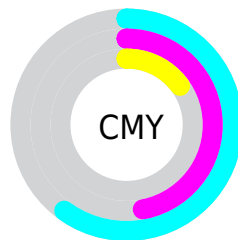
- Red (40%)
- Green (53%)
- Blue (85%)



- Red (40%)
- Yellow (50%)
- Blue (85%)



- Cyan (52%)
- Magenta (38%)
- Yellow (0%)
- Black (15%)



- Cyan (60%)
- Magenta (47%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.5133, 24.8916, 68.3729 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 26.5133, 24.8916, 68.3729 by changing the saturation by 10% instead.

■ 26.5133, 24.8916,
68.3729

■ 26.5133, 24.8916,
68.3729

277.5035,
277.2977, 473.4500

■ 17.3427, 15.9963,
49.7326

■ 53.5273, 51.4813,
118.5447

■ 10.5760, 9.5215,
34.8313

■ 72.1014, 69.9445,
150.9133

■ 5.8477, 5.0829,
23.2504

■ 94.5408, 92.3658,
188.6950

■ 2.7924, 2.2960,
14.5715

■ 121.2107,
119.1296, 232.3084

■ 1.0450, 0.7716,
8.3759

152.4766,
150.6203, 282.1721

■ 0.0000, 0.0000,
4.2452

188.7038,

■ 0.0000, 0.0000,

187.2223, 338.7045

1.7608

230.2577,
229.3200, 402.3243

■ 0.0000, 0.0000,
0.4019

■ 0.0000, 0.0000,
0.0000

■ 26.5133, 24.8916,
68.3729

■ 26.5133, 24.8916,
68.3729

■ 22.3400, 19.7592,
67.6027

■ 31.6496, 30.9979,
69.2813

■ 19.0622, 15.5439,
66.9618

■ 37.8041, 38.1250,
70.3326

■ 16.6080, 12.1866,
66.4431

■ 45.0311, 46.3199,
71.5335

■ 14.8914, 9.6185,
66.0379

■ 53.3804, 55.6257,
72.8896

■ 13.9717, 8.1118,
65.7956

■ 62.8981, 66.0829,
74.4064

■ 73.6280, 77.7302,
76.0891

■ 85.6116, 90.6042,
77.9424

■ 89.3948, 97.7379,
79.1199

Harmonies

Analogous

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



21.0139, 24.8916, 68.3685



26.5133, 24.8916, 68.3729



31.9886, 24.8916, 54.8020

Triad

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



26.5133, 24.8916, 68.3729



31.9914, 24.8916, 10.7859



14.8126, 24.8916, 19.9652

Complementary

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



26.5133, 24.8916, 68.3729



48.1175, 50.2783, 20.0021

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.



16.9171, 24.8916, 10.7824



26.5133, 24.8916, 68.3729



26.5166, 24.8916, 7.0622

Square

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



26.5133, 24.8916, 68.3729



35.4704, 24.8916, 19.9724



21.0168, 24.8916, 7.0613



14.8120, 24.8916, 35.7553

Rectangle

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



26.5133, 24.8916, 68.3729



34.6461, 24.8916, 42.1000



21.0168, 24.8916, 7.0613



15.2810, 24.8916, 16.1716

Sweetspot

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



26.5143, 24.8925, 68.3735



72.8713, 75.6089, 105.3610



38.8004, 55.4561, 53.9985



15.0559, 15.5799, 22.4636



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.



26.5143, 24.8925, 68.3735



31.8507, 27.9155, 98.3173



26.0708, 19.2091, 67.2999



12.0171, 12.5576, 15.7280



8.3476, 4.9569, 38.9700



0.5727, 0.4373, 2.3735

Inverse Universe

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



37.4731, 26.0219, 25.6026



49.8917, 31.1749, 27.5917



48.6210, 61.2352, 22.0904



12.5618, 12.4762, 13.6328



17.2723, 8.8452, 3.4722



1.0767, 0.5475, 0.3933

Previews

White Background



This preview shows how the XYZ color 26.5133, 24.8916, 68.3729 looks on a white background.

Color Contrast Check

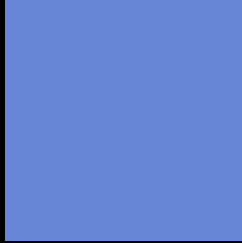
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.5133, 24.8916, 68.3729 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

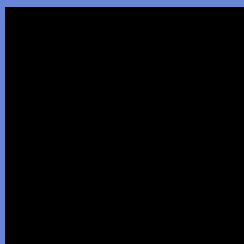
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

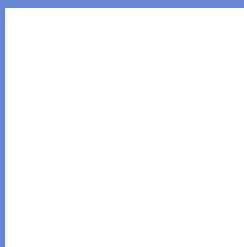
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.5133, 24.8916, 68.3729

Background



This preview shows how black text looks on a background with the XYZ color 26.5133, 24.8916, 68.3729.

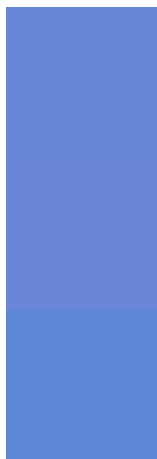


This preview shows how white text looks on a background with the XYZ color 26.5133, 24.8916,

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

26.5133, 24.8916, 68.3729

Protanopia

26.7455, 25.0113, 68.3838

Deuteranopia

25.4835, 24.7899, 67.7318



Tritanopia

20.0177, 24.8654, 36.0922

Trichromacy



Original Color

26.5133, 24.8916, 68.3729

Protanomaly

26.6287, 24.9511, 68.3783

Deuteranomaly

25.7536, 24.7210, 67.7043

Tritanomaly

22.0261, 24.7743, 46.2688

Monochromacy



Original Color

26.5133, 24.8916, 68.3729

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

23.3943, 23.9415, 38.5101

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.5133, 24.8916, 68.3729 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(103, 134, 216)` looks like.

```
.text, #text, p{  
    color:rgb(103, 134, 216)  
}
```

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(103, 134, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 134, 216) }
```

Border

The CSS property to change the border of an element to XYZ 26.5133, 24.8916, 68.3729 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(103, 134, 216) }
```


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

```
.border{ border-color:rgb(103, 134, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 134, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 134, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 134, 216);  
box-shadow:4px 4px 4px 4px rgb(103, 134,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 26.5133, 24.8916, 68.3729 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 134, 216) }
```

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

```
.background{ background-color: rgb(103,  
134, 216) }
```

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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