

Converting Colors

XYZ(26.6224, 24.9732, 66.8399)

Have a look what the booklet for
XYZ(26.6224, 24.9732, 66.8399)
contains.

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Color

**XYZ(26.7261, 25.0310,
67.0412)**

Conversions

Conversions Part 1

Format	Color
Hex	6B86D6
RGB	107, 134, 214
RGB Percent	42%, 53%, 84%
CMY	0.5804, 0.4745, 0.1608
CMYK	0.50, 0.37, 0.00, 0.16
HSL	225°, 57%, 63%
HSV	225°, 50%, 84%
XYZ	26.7261, 25.0310, 67.0412
YIQ	135.0470, -41.7720, 19.1560

Conversions

Conversions Part 2

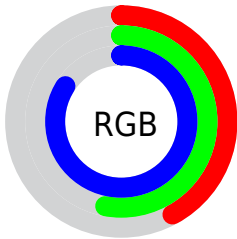
Format	Color
RYB	107, 129, 214
Decimal	7046870
CIELab	57.11, 12.46, -44.10
CIELCh	57, 45.829, 285.774
Yxy	25.0310, 0.2250, 0.2107
Android (android.graphics.Color)	4285236950 (0xFF6B86D6)
YUV	135.0470, 38.9238, -24.5972
Hunter-Lab	50.0310, 7.7988, -44.4265

Details

The XYZ color **26.7261, 25.0310, 67.0412** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **48.1571, 50.9003, 21.1979**, and the grayscale version is **22.9187, 24.1123, 26.2582**.

A 20% lighter version of the original color is **51.1302, 50.6532, 101.6899**, and **10.7254, 9.6286, 34.0941** is the 20% darker color. If you saturate the color by 10%, you get **22.4178, 19.7720, 66.2537**, and if you desaturate by 10%, it is **32.0076, 31.2892, 67.9713**.

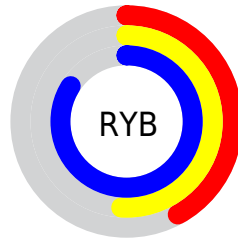
Distribution



Red (42%)

Green (53%)

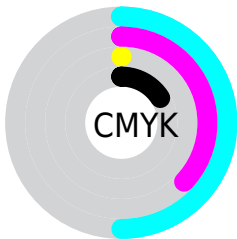
Blue (84%)



Red (42%)

Yellow (51%)

Blue (84%)

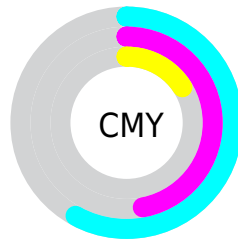


Cyan (50%)

Magenta (37%)

Yellow (0%)

Black (16%)



Cyan (58%)

Magenta (47%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.7261, 25.0310, 67.0412 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 26.7261, 25.0310, 67.0412 by changing the saturation by 10% instead.

■ 26.7261, 25.0310,
67.0412

■ 26.7261, 25.0310,
67.0412

278.5203,
277.9923, 468.5969

■ 17.5031, 16.1002,
48.6563

■ 53.8670, 51.7075,
116.6207

■ 10.6914, 9.5951,
33.9832

■ 72.5157, 70.2220,
148.6523

■ 5.9255, 5.1313,
22.6035

■ 95.0370, 92.6997,
186.0699

■ 2.8400, 2.3245,
14.0984

■ 121.7963,
119.5252, 229.2921

■ 1.0697, 0.7866,
8.0496

153.1589,
151.0828, 278.7373

■ 0.0000, 0.0000,
4.0385

189.4902,

■ 0.0000, 0.0000,

187.7570, 334.8242

1.6465

231.1555,
229.9320, 397.9712

■ 0.0000, 0.0000,
0.3237

■ 0.0000, 0.0000,
0.0000

■ 26.7261, 25.0310,
67.0412

■ 26.7261, 25.0310,
67.0412

■ 22.4178, 19.7720,
66.2537

■ 32.0076, 31.2892,
67.9713

■ 19.0168, 15.4548,
65.5996

■ 38.3163, 38.5941,
69.0488

■ 16.4536, 12.0201,
65.0718

■ 45.7057, 46.9933,
70.2805

■ 14.6457, 9.3993,
64.6612

■ 54.2245, 56.5306,
71.6724

■ 13.4569, 7.4934,
64.3560

■ 63.9185, 67.2473,
73.2300

■ 13.4567, 7.4930,
64.3559

■ 74.8309, 79.1826,
74.9586

■ 86.3351, 92.0298,
76.8320

■ 89.1377, 97.6351,
77.7662

Harmonies

Analogous

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



21.3304, 25.0310, 67.4208



26.7261, 25.0310, 67.0412



32.0319, 25.0310, 53.6928

Triad

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



26.7261, 25.0310, 67.0412



31.7907, 25.0310, 11.0197



15.0811, 25.0310, 20.5822

Complementary

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



26.7261, 25.0310, 67.0412



48.1571, 50.9003, 21.1979

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.



17.1010, 25.0310, 11.3332



26.7261, 25.0310, 67.0412



26.4344, 25.0310, 7.4007

Square

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



26.7261, 25.0310, 67.0412



35.2440, 25.0310, 19.9454



21.0795, 25.0310, 7.4883



15.1347, 25.0310, 36.1612

Rectangle

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



26.7261, 25.0310, 67.0412



34.5684, 25.0310, 41.3636



21.0795, 25.0310, 7.4883



15.5250, 25.0310, 16.7853

Sweetspot

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



26.7271, 25.0319, 67.0418



73.8966, 76.5445, 105.4875



38.9173, 54.7423, 54.6739



15.2492, 15.7470, 22.4857



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.



26.7271, 25.0319, 67.0418



32.9961, 28.9780, 98.4620



26.9071, 20.2747, 66.1141



11.9947, 12.5128, 15.7205



8.2042, 4.6702, 38.9222



0.5615, 0.4149, 2.3698

Inverse Universe

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



37.2932, 26.5340, 25.7109



50.7697, 32.6741, 28.6761



47.6959, 59.9785, 22.9745



12.5505, 12.4717, 13.5733



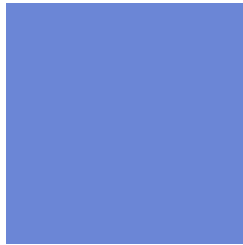
17.2000, 8.8163, 3.0911



1.0710, 0.5452, 0.3635

Previews

White Background



This preview shows how the XYZ color 26.7261, 25.0310, 67.0412 looks on a white background.

Color Contrast Check

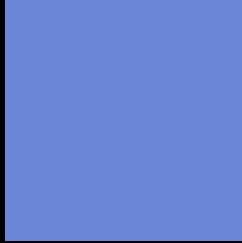
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.7261, 25.0310, 67.0412 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 26.7261, 25.0310, 67.0412

Background



This preview shows how black text looks on a background with the XYZ color 26.7261, 25.0310, 67.0412.



This preview shows how white text looks on a background with the XYZ color 26.7261, 25.0310,

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

26.7261, 25.0310, 67.0412

Protanopia

26.7261, 25.0310, 67.0412

Deuteranopia

25.7798, 25.1822, 66.4527



Tritanopia

20.4845, 25.1159, 35.6665

Trichromacy



Original Color

26.7261, 25.0310, 67.0412

Protanomaly

26.7261, 25.0310, 67.0412

Deuteranomaly

26.0699, 25.1217, 66.4257

Tritanomaly

22.5328, 25.0472, 45.7665

Monochromacy



Original Color

26.7261, 25.0310, 67.0412

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

23.8223, 24.3683, 38.5699

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.7261, 25.0310, 67.0412 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(107, 134, 214)` looks like.

```
.text, #text, p{  
    color:rgb(107, 134, 214)  
}
```

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(107, 134, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 134, 214) }
```

Border

The CSS property to change the border of an element to XYZ 26.7261, 25.0310, 67.0412 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(107, 134, 214) }
```


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

```
.border{ border-color:rgb(107, 134, 214) }
```

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

Here you see how a box with a 4 pixel rgb(107, 134, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 134, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 134, 214);  
box-shadow:4px 4px 4px 4px rgb(107, 134,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 26.7261, 25.0310, 67.0412 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 134, 214) }
```

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

```
.background{ background-color: rgb(107,  
134, 214) }
```

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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