

Converting Colors

XYZ(26.8046, 26.1945, 63.9649)

Have a look what the booklet for
XYZ(26.8046, 26.1945, 63.9649)
contains.

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Color

**XYZ(26.8046, 26.1945,
63.9649)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 6B8BD1 |
| RGB | 107, 139, 209 |
| RGB Percent | 42%, 55%, 82% |
| CMY | 0.5804, 0.4549, 0.1804 |
| CMYK | 0.49, 0.33, 0.00, 0.18 |
| HSL | 221°, 53%, 62% |
| HSV | 221°, 49%, 82% |
| XYZ | 26.8046, 26.1945, 63.9649 |
| YIQ | 137.4120, -41.5420, 14.9860 |

Conversions

Conversions Part 2

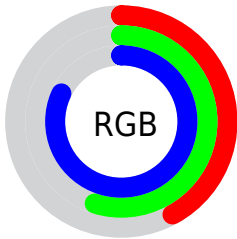
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 107, 131, 209 |
| Decimal | 7048145 |
| CIELab | 58.22, 7.97, -39.54 |
| CIELCh | 58, 40.331, 281.398 |
| Yxy | 26.1945, 0.2292, 0.2240 |
| Android (android.graphics.Color) | 4285238225 (0xFF6B8BD1) |
| YUV | 137.4120, 35.2929, -26.6713 |
| Hunter-Lab | 51.1806, 3.9191, -38.2736 |

Details

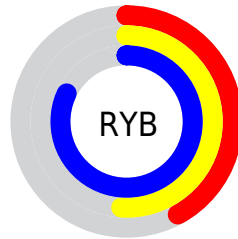
The XYZ color **26.8046, 26.1945, 63.9649** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **44.6714, 46.0623, 20.4475**, and the grayscale version is **23.8163, 25.0567, 27.2867**.

A 20% lighter version of the original color is **52.0039, 52.7058, 102.0401**, and **10.6717, 10.1308, 31.9648** is the 20% darker color. If you saturate the color by 10%, you get **22.6466, 21.1679, 63.2143**, and if you desaturate by 10%, it is **31.8443, 32.0810, 64.8360**.

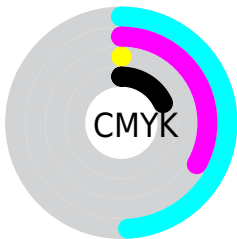
Distribution



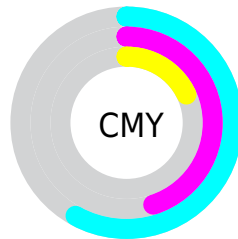
- Red (42%)
- Green (55%)
- Blue (82%)



- Red (42%)
- Yellow (51%)
- Blue (82%)



- Cyan (49%)
- Magenta (33%)
- Yellow (0%)
- Black (18%)



- Cyan (58%)
- Magenta (45%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.8046, 26.1945, 63.9649 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 26.8046, 26.1945, 63.9649 by changing the saturation by 10% instead.

■ 26.8046, 26.1945,
63.9649

■ 26.8046, 26.1945,
63.9649

278.8946,
283.7356, 457.2669

■ 17.5624, 16.9692,
46.1762

■ 53.9923, 53.5886,
112.1594

■ 10.7340, 10.2125,
32.0353

■ 72.6684, 72.5261,
143.4023

■ 5.9542, 5.5401,
21.1234

■ 95.2198, 95.4699,
179.9670

■ 2.8577, 2.5675,
13.0221

■ 122.0120,
122.8042, 222.2721

■ 1.0789, 0.9104,
7.3129

153.4102,
154.9136, 270.7360

■ 0.0074, 0.0000,
3.5771

189.7798,

■ 0.0000, 0.0000,

192.1823, 325.7775

1.3963

231.4861,
234.9949, 387.8149

■ 0.0000, 0.0000,
0.1389

■ 0.0000, 0.0000,
0.0000

■ 26.8046, 26.1945,
63.9649

■ 26.8046, 26.1945,
63.9649

■ 22.6466, 21.1679,
63.2143

■ 31.8443, 32.0810,
64.8360

■ 19.3123, 16.9544,
62.5768

■ 37.8127, 38.8652,
65.8309

■ 16.7409, 13.5064,
62.0468

■ 44.7570, 46.5857,
66.9551

■ 14.8608, 10.7692,
61.6175

■ 52.7200, 55.2782,
68.2132

■ 13.5642, 8.6680,
61.2803

■ 61.7420, 64.9760,
69.6096

■ 13.4318, 8.4496,
61.2451

■ 71.8610, 75.7112,
71.1484

■ 83.1131, 87.5142,
72.8335

■ 88.1109, 96.5879,
74.3215

■ 88.5087, 97.3835,
74.4541

Harmonies

Analogous

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



22.0125, 26.1945, 62.4739



26.8046, 26.1945, 63.9649



31.6573, 26.1945, 53.9098

Triad

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



26.8046, 26.1945, 63.9649



32.6495, 26.1945, 14.1470



16.9967, 26.1945, 20.7548

Complementary

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



26.8046, 26.1945, 63.9649



44.6714, 46.0623, 20.4475

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.



19.1751, 26.1945, 12.6980



26.8046, 26.1945, 63.9649



28.0232, 26.1945, 9.8374

Square

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



26.8046, 26.1945, 63.9649



35.3152, 26.1945, 23.5173



23.0823, 26.1945, 9.4123



16.7604, 26.1945, 34.1893

Rectangle

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



26.8046, 26.1945, 63.9649



34.1128, 26.1945, 43.4771



23.0823, 26.1945, 9.4123



17.5113, 26.1945, 17.4613

Sweetspot

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



26.8056, 26.1954, 63.9655



74.5411, 77.8336, 105.7024



36.7707, 51.8898, 49.5170



15.4030, 16.0547, 22.5370



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.



26.8056, 26.1954, 63.9655



35.0105, 32.5711, 99.0493



25.3274, 19.5328, 62.7574



11.4620, 12.0142, 14.9585



8.3598, 5.3662, 37.7877



0.5381, 0.4415, 2.1364

Inverse Universe

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



36.2132, 25.9358, 27.5244



51.8928, 33.5305, 33.3350



46.7653, 57.6489, 22.5736



11.9593, 11.8685, 13.0617



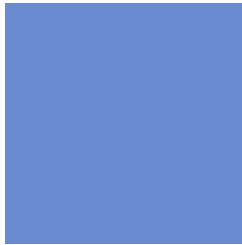
16.8504, 8.6130, 4.1183



0.9779, 0.4959, 0.4182

Previews

White Background



This preview shows how the XYZ color 26.8046, 26.1945, 63.9649 looks on a white background.

Color Contrast Check

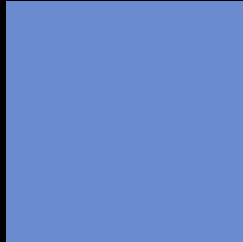
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.8046, 26.1945, 63.9649 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

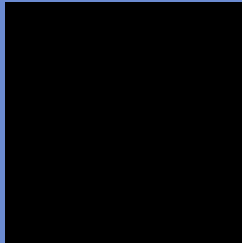
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.8046, 26.1945, 63.9649

Background



This preview shows how black text looks on a background with the XYZ color 26.8046, 26.1945, 63.9649.



This preview shows how white text looks on a background with the XYZ color 26.8046, 26.1945,

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

26.8046, 26.1945, 63.9649

Protanopia

27.4106, 26.1093, 62.6264

Deuteranopia

26.9256, 26.2568, 63.9705



Tritanopia

21.5941, 26.3434, 37.6649

Trichromacy



Original Color

26.8046, 26.1945, 63.9649

Protanomaly

27.2837, 26.2417, 63.3017

Deuteranomaly

26.9256, 26.2568, 63.9705

Tritanomaly

23.0910, 26.0065, 45.9222

Monochromacy



Original Color

26.8046, 26.1945, 63.9649

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

24.3035, 25.2569, 38.2445

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.8046, 26.1945, 63.9649 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, 139, 209)` looks like.

```
.text, #text, p{  
    color:rgb(107, 139, 209)  
}
```

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, 139, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 139, 209) }
```

Border

The CSS property to change the border of an element to XYZ 26.8046, 26.1945, 63.9649 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, 139, 209) }
```


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

```
.border{ border-color:rgb(107, 139, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 139, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 139, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 139, 209);  
box-shadow:4px 4px 4px 4px rgb(107, 139,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 26.8046, 26.1945, 63.9649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 139, 209) }
```

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

```
.background{ background-color: rgb(107,  
139, 209) }
```

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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