

Converting Colors

XYZ(26.9852, 26.5800, 64.1248)

Have a look what the booklet for
XYZ(26.9852, 26.5800, 64.1248)
contains.

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Color

**XYZ(26.9501, 26.4854,
64.0134)**

Conversions

Conversions Part 1

Format	Color
Hex	6B8CD1
RGB	107, 140, 209
RGB Percent	42%, 55%, 82%
CMY	0.5804, 0.4510, 0.1804
CMYK	0.49, 0.33, 0.00, 0.18
HSL	221°, 53%, 62%
HSV	221°, 49%, 82%
XYZ	26.9501, 26.4854, 64.0134
YIQ	137.9990, -41.8170, 14.4630

Conversions

Conversions Part 2

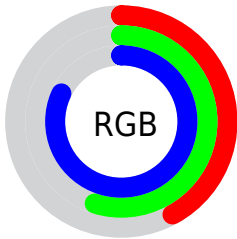
Format	Color
R _Y B	107, 132, 209
Decimal	7048401
CIE Lab	58.49, 7.38, -39.11
CIE LCh	58, 39.797, 280.690
Yxy	26.4854, 0.2295, 0.2255
Android (android.graphics.Color)	4285238481 (0xFF6B8CD1)
YUV	137.9990, 35.0035, -27.1861
Hunter-Lab	51.4640, 3.4130, -37.7230

Details

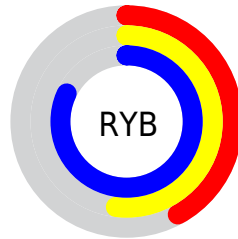
The XYZ color **26.9501, 26.4854, 64.0134** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **44.4748, 45.6690, 20.3821**, and the grayscale version is **24.0401, 25.2921, 27.5431**.

A 20% lighter version of the original color is **52.2242, 53.1465, 102.1135**, and **10.7555, 10.2984, 31.9928** is the 20% darker color. If you saturate the color by 10%, you get **22.7995, 21.4737, 63.2653**, and if you desaturate by 10%, it is **31.9753, 32.3429, 64.8797**.

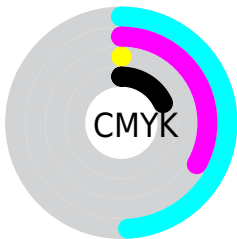
Distribution



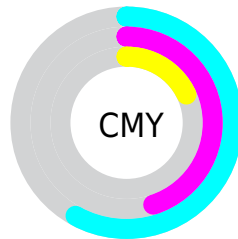
- Red (42%)
- Green (55%)
- Blue (82%)



- Red (42%)
- Yellow (52%)
- 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 26.9501, 26.4854, 64.0134 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 26.9501, 26.4854, 64.0134 by changing the saturation by 10% instead.

■ 26.9501, 26.4854,
64.0134

■ 26.9501, 26.4854,
64.0134

279.5874,
285.1568, 457.4468

■ 17.6721, 17.1871,
46.2153

■ 54.2242, 54.0570,
112.2299

■ 10.8131, 10.3680,
32.0658

■ 72.9511, 73.0991,
143.4853

■ 6.0077, 5.6436,
21.1466

■ 95.5584, 96.1579,
180.0636

■ 2.8905, 2.6296,
13.0389

■ 122.4113,
123.6179, 222.3833

■ 1.0961, 0.9416,
7.3243

153.8754,
155.8633, 270.8629

■ 0.0219, 0.0000,
3.5842

190.3158,

■ 0.0000, 0.0000,

193.2787, 325.9210

1.4001

232.0980,
236.2484, 387.9761

■ 0.0000, 0.0000,
0.1418

■ 0.0000, 0.0000,
0.0000

■ 26.9501, 26.4854,
64.0134

■ 26.9501, 26.4854,
64.0134

■ 22.7995, 21.4737,
63.2653

■ 31.9753, 32.3429,
64.8797

■ 19.4661, 17.2620,
62.6281

■ 37.9218, 39.0832,
65.8673

■ 16.8896, 13.8039,
62.0964

■ 44.8362, 46.7439,
66.9815

■ 14.9990, 11.0457,
61.6636

■ 52.7610, 55.3600,
68.2269

■ 13.6873, 8.9141,
61.3213

■ 61.7361, 64.9641,
69.6076

■ 13.5527, 8.6914,
61.2854

■ 71.7993, 75.5876,
71.1278

■ 82.9862, 87.2600,
72.7912

■ 87.9089, 96.1838,
74.2542

■ 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.



22.2036, 26.4854, 62.2554



26.9501, 26.4854, 64.0134



31.7824, 26.4854, 54.3133

Triad

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



26.9501, 26.4854, 64.0134



32.9586, 26.4854, 14.6539



17.3330, 26.4854, 20.8511

Complementary

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



26.9501, 26.4854, 64.0134



44.4748, 45.6690, 20.3821

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.



19.5509, 26.4854, 12.9137



26.9501, 26.4854, 64.0134



28.3973, 26.4854, 10.2163

Square

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



26.9501, 26.4854, 64.0134



35.5368, 26.4854, 24.1458



23.4769, 26.4854, 9.7031



17.0507, 26.4854, 34.1020

Rectangle

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



26.9501, 26.4854, 64.0134



34.2493, 26.4854, 44.0517



23.4769, 26.4854, 9.7031



17.8621, 26.4854, 17.6054

Sweetspot

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



26.9511, 26.4863, 64.0140



74.6448, 78.0410, 105.7370



36.6027, 51.8226, 48.6321



15.4278, 16.1042, 22.5452



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.



26.9511, 26.4863, 64.0140



35.2508, 33.0517, 99.1294



25.0796, 19.4052, 62.7459



11.4715, 12.0333, 14.9617



8.4360, 5.5186, 37.8131



0.5432, 0.4517, 2.1381

Inverse Universe

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



36.2867, 25.9653, 27.9110



52.0141, 33.5790, 33.9737



47.1933, 57.8696, 22.5938



11.9641, 11.8704, 13.0870



16.8888, 8.6284, 4.3207



0.9804, 0.4969, 0.4318

Previews

White Background



This preview shows how the XYZ color 26.9501, 26.4854, 64.0134 looks on a white background.

Color Contrast Check

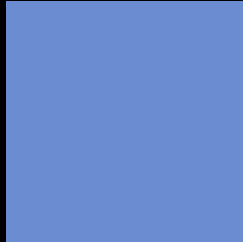
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.9501, 26.4854, 64.0134 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

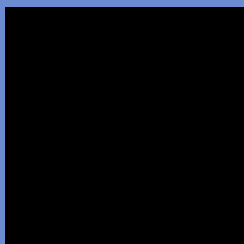
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.9501, 26.4854, 64.0134

Background



This preview shows how black text looks on a background with the XYZ color 26.9501, 26.4854, 64.0134.

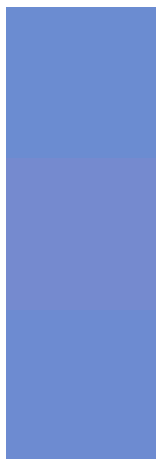


This preview shows how white text looks on a background with the XYZ color 26.9501, 26.4854,

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

26.9501, 26.4854, 64.0134

Protanopia

27.6871, 26.4639, 62.6803

Deuteranopia

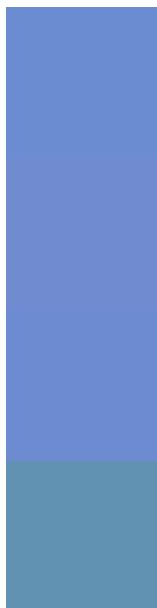
27.0479, 26.3199, 63.9763



Tritanopia

21.5941, 26.3434, 37.6649

Trichromacy



Original Color

26.9501, 26.4854, 64.0134

Protanomaly

27.4278, 26.5300, 63.3497

Deuteranomaly

26.9256, 26.2568, 63.9705

Tritanomaly

23.2445, 26.3135, 45.9734

Monochromacy



Original Color

26.9501, 26.4854, 64.0134

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

24.6859, 25.6576, 38.7733

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.9501, 26.4854, 64.0134 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, 140, 209)` looks like.

```
.text, #text, p{  
    color:rgb(107, 140, 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, 140, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 140, 209) }
```

Border

The CSS property to change the border of an element to XYZ 26.9501, 26.4854, 64.0134 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, 140, 209) }
```


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

```
.border{ border-color:rgb(107, 140, 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, 140, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 140, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 140, 209);  
box-shadow:4px 4px 4px 4px rgb(107, 140,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 26.9501, 26.4854, 64.0134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 140, 209) }
```

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

```
.background{ background-color: rgb(107,  
140, 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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