

Converting Colors

XYZ(26.5157, 25.6484, 62.5851)

Have a look what the booklet for
XYZ(26.5157, 25.6484, 62.5851)
contains.

XYZ(26.5148, 25.6475, 62.5845)	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(26.5148, 25.6475,
62.5845)**

Conversions

Conversions Part 1

Format	Color
Hex	6D89CF
RGB	109, 137, 207
RGB Percent	43%, 54%, 81%
CMY	0.5725, 0.4627, 0.1882
CMYK	0.47, 0.34, 0.00, 0.19
HSL	223°, 51%, 62%
HSV	223°, 47%, 81%
XYZ	26.5148, 25.6475, 62.5845
YIQ	136.6080, -39.1580, 15.8340

Conversions

Conversions Part 2

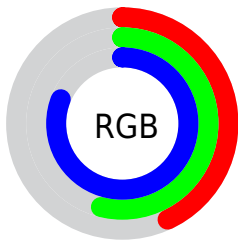
Format	Color
R _Y B	109, 131, 207
Decimal	7178703
CIE Lab	57.70, 9.03, -39.22
CIE LCh	58, 40.245, 282.961
Yxy	25.6475, 0.2311, 0.2235
Android (android.graphics.Color)	4285368783 (0xFF6D89CF)
YUV	136.6080, 34.7033, -24.2122
Hunter-Lab	50.6434, 4.8294, -37.8196

Details

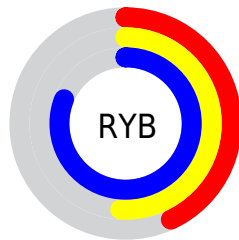
The XYZ color **26.5148, 25.6475, 62.5845** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **44.6136, 46.6112, 21.1147**, and the grayscale version is **23.5149, 24.7395, 26.9413**.

A 20% lighter version of the original color is **51.9805, 52.0462, 101.9140**, and **10.5734, 9.9765, 31.0741** is the 20% darker color. If you saturate the color by 10%, you get **22.3020, 20.5668, 61.8264**, and if you desaturate by 10%, it is **31.6171, 31.6153, 63.4680**.

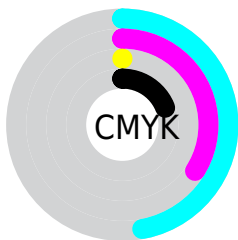
Distribution



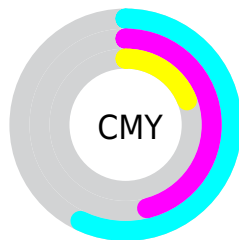
- Red (43%)
- Green (54%)
- Blue (81%)



- Red (43%)
- Yellow (51%)
- Blue (81%)



- Cyan (47%)
- Magenta (34%)
- Yellow (0%)
- Black (19%)



- Cyan (57%)
- Magenta (46%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.5148, 25.6475, 62.5845 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 26.5148, 25.6475, 62.5845 by changing the saturation by 10% instead.

■ 26.5148, 25.6475,
62.5845

■ 26.5148, 25.6475,
62.5845

277.5107,
281.0474, 452.1263

■ 17.3439, 16.5601,
45.0663

■ 53.5297, 52.7057,
110.1496

■ 10.5768, 9.9214,
31.1663

■ 72.1044, 71.4454,
141.0337

■ 5.8482, 5.3469,
20.4660

■ 94.5443, 94.1712,
177.2100

■ 2.7928, 2.4522,
12.5468

121.2149,
121.2677, 219.0973

■ 1.0451, 0.8525,
6.9902

152.4815,
153.1191, 267.1141

■ 0.0000, 0.0000,
3.3776

188.7094,

■ 0.0000, 0.0000,

190.1099, 321.6788

1.2905

230.2640,
232.6246, 383.2100

■ 0.0000, 0.0000,
0.0540

■ 0.0000, 0.0000,
0.0000

■ 26.5148, 25.6475,
62.5845

■ 26.5148, 25.6475,
62.5845

■ 22.3020, 20.5668,
61.8264

■ 31.6171, 31.6153,
63.4680

■ 18.9216, 16.3251,
61.1858

■ 37.6556, 38.5091,
64.4804

■ 16.3136, 12.8734,
60.6570

■ 44.6772, 46.3691,
65.6274

■ 14.4081, 10.1560,
60.2329

■ 52.7243, 55.2319,
66.9140

■ 13.1130, 8.1035,
59.9050

■ 61.8371, 65.1321,
68.3446

■ 12.8338, 7.6474,
59.8317

■ 72.0536, 76.1028,
69.9237

■ 83.4096, 88.1754,
71.6554

■ 88.2626, 97.2850,
73.1580

Harmonies

Analogous

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



21.7620, 25.6475, 61.7515



26.5148, 25.6475, 62.5845



31.2519, 25.6475, 52.1911

Triad

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



26.5148, 25.6475, 62.5845



31.8051, 25.6475, 13.4654



16.5488, 25.6475, 20.8503

Complementary

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



26.5148, 25.6475, 62.5845



44.6136, 46.6112, 21.1147

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.



18.5927, 25.6475, 12.6612



26.5148, 25.6475, 62.5845



27.1939, 25.6475, 9.4637

Square

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



26.5148, 25.6475, 62.5845



34.5662, 25.6475, 22.3872



22.3577, 25.6475, 9.2282



16.4174, 25.6475, 34.3098

Rectangle

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



26.5148, 25.6475, 62.5845



33.5953, 25.6475, 41.8074



22.3577, 25.6475, 9.2282



17.0213, 25.6475, 17.5173

Sweetspot

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



26.5157, 25.6484, 62.5851



75.5115, 78.6421, 105.8073



36.6162, 51.0759, 49.8390



15.5826, 16.1911, 22.5538



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.



26.5157, 25.6484, 62.5851



35.5320, 32.7027, 99.0473



25.7248, 20.0794, 61.5519



11.4348, 11.9600, 14.9495



8.1562, 4.9591, 37.7198



0.5241, 0.4134, 2.1317

Inverse Universe

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



35.7170, 26.0099, 26.8056



52.3785, 34.5766, 33.2668



45.6655, 56.3458, 22.9382



11.9456, 11.8630, 12.9895



16.7476, 8.5719, 3.5772



0.9708, 0.4930, 0.3809

Previews

White Background



This preview shows how the XYZ color 26.5148, 25.6475, 62.5845 looks on a white background.

Color Contrast Check

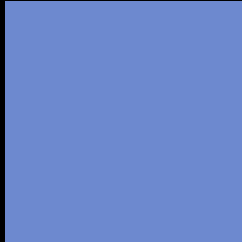
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.5148, 25.6475, 62.5845 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 26.5148, 25.6475, 62.5845

Background



This preview shows how black text looks on a background with the XYZ color 26.5148, 25.6475, 62.5845.

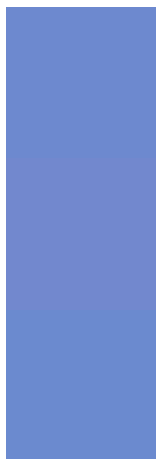


This preview shows how white text looks on a background with the XYZ color 26.5148, 25.6475,

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

26.5148, 25.6475, 62.5845

Protanopia

26.8842, 25.6420, 61.9250

Deuteranopia

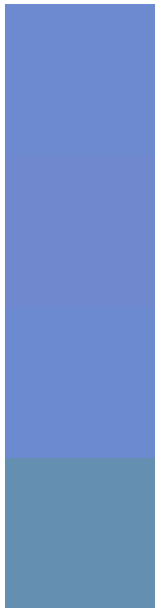
26.4144, 25.8078, 62.6207



Tritanopia

21.3246, 25.7690, 36.1977

Trichromacy



Original Color

26.5148, 25.6475, 62.5845

Protanomaly

26.6268, 25.5093, 61.9129

Deuteranomaly

26.5353, 25.8701, 62.6264

Tritanomaly

22.9145, 25.4888, 44.7864

Monochromacy



Original Color

26.5148, 25.6475, 62.5845

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

24.2196, 25.0120, 37.7337

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.5148, 25.6475, 62.5845 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(109, 137, 207)` looks like.

```
.text, #text, p{  
    color:rgb(109, 137, 207)  
}
```

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(109, 137, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 137, 207) }
```

Border

The CSS property to change the border of an element to XYZ 26.5148, 25.6475, 62.5845 is called "border". The border property can be set on classes, ids or directly on the HTML element.

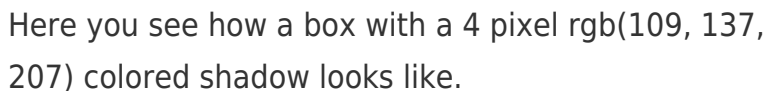
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(109, 137, 207) }
```


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

```
.border{ border-color:rgb(109, 137, 207) }
```

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



Here you see how a box with a 4 pixel `rgb(109, 137, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(109, 137, 207); -webkit-box-shadow:4px 4px 4px 4px rgb(109, 137, 207); box-shadow:4px 4px 4px 4px rgb(109, 137, 207) }
```

Background

The CSS property to change the background color of an element to XYZ 26.5148, 25.6475, 62.5845 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 137, 207) }
```

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

```
.background{ background-color: rgb(109,  
137, 207) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor