

Converting Colors

XYZ(26.0515, 25.0341, 66.4103)

Have a look what the booklet for
XYZ(26.0515, 25.0341, 66.4103)
contains.

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Color

**XYZ(26.0699, 25.1217,
66.4257)**

Conversions

Conversions Part 1

Format	Color
Hex	6488D5
RGB	100, 136, 213
RGB Percent	39%, 53%, 84%
CMY	0.6078, 0.4667, 0.1647
CMYK	0.53, 0.36, 0.00, 0.16
HSL	221°, 57%, 61%
HSV	221°, 53%, 84%
XYZ	26.0699, 25.1217, 66.4257
YIQ	134.0140, -46.1730, 16.3150

Conversions

Conversions Part 2

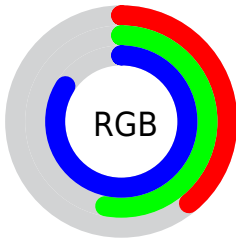
Format	Color
R_{YB}	100, 127, 213
Decimal	6588629
CIE Lab	57.19, 9.38, -43.43
CIE LCh	57, 44.429, 282.182
Yxy	25.1217, 0.2217, 0.2136
Android (android.graphics.Color)	4284778709 (0xFF6488D5)
YUV	134.0140, 38.9401, -29.8303
Hunter-Lab	50.1216, 5.1311, -43.4915

Details

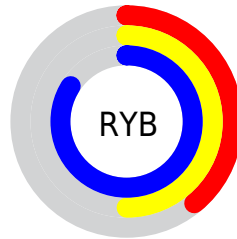
The XYZ color **26.0699, 25.1217, 66.4257** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **45.4643, 46.5124, 18.6395**, and the grayscale version is **22.5396, 23.7134, 25.8239**.

A 20% lighter version of the original color is **50.1522, 50.7833, 101.7666**, and **10.3791, 9.6971, 33.6724** is the 20% darker color. If you saturate the color by 10%, you get **22.1070, 20.2472, 65.6942**, and if you desaturate by 10%, it is **30.9273, 30.8690, 67.2795**.

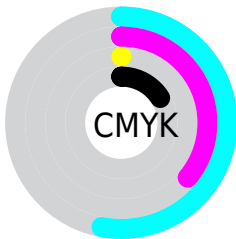
Distribution



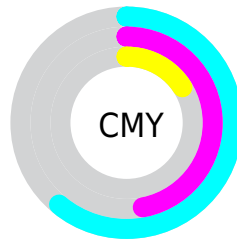
- Red (39%)
- Green (53%)
- Blue (84%)



- Red (39%)
- Yellow (50%)
- Blue (84%)



- Cyan (53%)
- Magenta (36%)
- Yellow (0%)
- Black (16%)



- Cyan (61%)
- Magenta (47%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.0699, 25.1217, 66.4257 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 26.0699, 25.1217, 66.4257 by changing the saturation by 10% instead.

■ 26.0699, 25.1217,
66.4257

■ 26.0699, 25.1217,
66.4257

275.3755,
278.4435, 466.3435

■ 17.0089, 16.1677,
48.1594

■ 52.8182, 51.8546,
115.7299

■ 10.3362, 9.6429,
33.5922

■ 71.2362, 70.4023,
147.6049

■ 5.6864, 5.1629,
22.3057

■ 93.5039, 92.9168,
184.8533

■ 2.6942, 2.3431,
13.8812

■ 119.9866,
119.7823, 227.8934

■ 0.9942, 0.7964,
7.9003

151.0498,
151.3834, 277.1440

■ 0.0000, 0.0000,
3.9444

187.0588,

■ 0.0000, 0.0000,

188.1043, 333.0235

1.5949

228.3789,
230.3295, 395.9505

■ 0.0000, 0.0000,
0.2872

■ 0.0000, 0.0000,
0.0000

■ 26.0699, 25.1217,
66.4257

■ 26.0699, 25.1217,
66.4257

■ 22.1070, 20.2472,
65.6942

■ 30.9273, 30.8690,
67.2795

■ 18.9757, 16.1956,
65.0772

■ 36.7305, 37.5301,
68.2594

■ 16.6085, 12.9150,
64.5687

■ 43.5303, 45.1459,
69.3710

■ 14.9245, 10.3448,
64.1614

■ 51.3727, 53.7544,
70.6193

■ 14.0687, 8.9208,
63.9317

■ 60.3008, 63.3910,
72.0088

■ 70.3552, 74.0895,
73.5438

■ 81.5743, 85.8820,
75.2287

■ 88.0980, 95.7594,
76.7914

■ 89.0103, 97.5841,
77.0955

Harmonies

Analogous

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



20.9217, 25.1217, 65.1061



26.0699, 25.1217, 66.4257



31.3118, 25.1217, 54.8320

Triad

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



26.0699, 25.1217, 66.4257



32.1597, 25.1217, 12.1787



15.5038, 25.1217, 19.4311

Complementary

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



26.0699, 25.1217, 66.4257



45.4643, 46.5124, 18.6395

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.



17.7241, 25.1217, 11.0445



26.0699, 25.1217, 66.4257



27.0991, 25.1217, 8.0378

Square

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



26.0699, 25.1217, 66.4257



35.1574, 25.1217, 21.6988



21.8114, 25.1217, 7.7171



15.3120, 25.1217, 33.9135

Rectangle

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



26.0699, 25.1217, 66.4257



33.9565, 25.1217, 43.1717



21.8114, 25.1217, 7.7171



16.0207, 25.1217, 15.9649

Sweetspot

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



26.0709, 25.1226, 66.4263



73.3631, 76.5925, 105.5249



36.8214, 53.4068, 49.0983



15.1722, 15.8124, 22.5024



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.



26.0709, 25.1226, 66.4263



32.3851, 29.3680, 98.5694



24.1535, 17.8300, 65.1198



12.0623, 12.6480, 15.7431



8.6755, 5.6128, 39.0793



0.5970, 0.4860, 2.3816

Inverse Universe

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



36.4425, 25.0392, 26.2055



50.0678, 30.8869, 29.6243



48.3863, 60.0007, 21.0890



12.5846, 12.4854, 13.7530



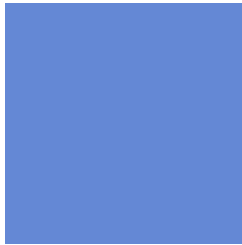
17.4379, 8.9115, 4.3438



1.0890, 0.5524, 0.4580

Previews

White Background



This preview shows how the XYZ color 26.0699, 25.1217, 66.4257 looks on a white background.

Color Contrast Check

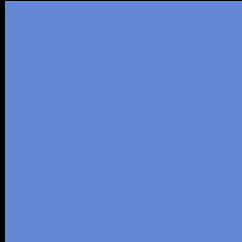
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.0699, 25.1217, 66.4257 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

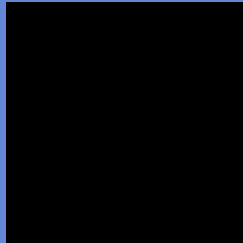
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.0699, 25.1217, 66.4257

Background



This preview shows how black text looks on a background with the XYZ color 26.0699, 25.1217, 66.4257.

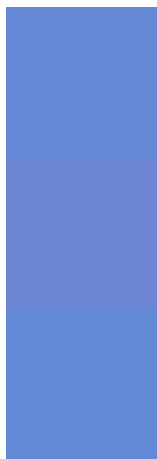


This preview shows how white text looks on a background with the XYZ color 26.0699, 25.1217,

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

26.0699, 25.1217, 66.4257

Protanopia

26.5896, 25.0046, 65.0530

Deuteranopia

25.8857, 25.2368, 66.4577



Tritanopia

20.0851, 25.1200, 36.5909

Trichromacy



Original Color

26.0699, 25.1217, 66.4257

Protanomaly

26.4915, 25.1456, 65.7447

Deuteranomaly

25.9929, 25.2921, 66.4627

Tritanomaly

21.9836, 24.9743, 46.3097

Monochromacy



Original Color

26.0699, 25.1217, 66.4257

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

23.3009, 24.1099, 38.0759

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.0699, 25.1217, 66.4257 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(100, 136, 213)` looks like.

```
.text, #text, p{  
    color:rgb(100, 136, 213)  
}
```

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(100, 136, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 136, 213) }
```

Border

The CSS property to change the border of an element to XYZ 26.0699, 25.1217, 66.4257 is called "border". The border property can be set on classes, ids or directly on the HTML element.

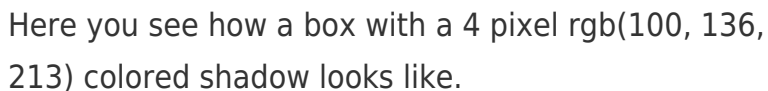
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(100, 136, 213) }
```


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

```
.border{ border-color:rgb(100, 136, 213) }
```

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



Here you see how a box with a 4 pixel `rgb(100, 136, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(100, 136, 213); -webkit-box-shadow:4px 4px 4px 4px rgb(100, 136, 213); box-shadow:4px 4px 4px 4px rgb(100, 136, 213) }
```

Background

The CSS property to change the background color of an element to XYZ 26.0699, 25.1217, 66.4257 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 136, 213) }
```

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

```
.background{ background-color: rgb(100,  
136, 213) }
```

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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