

Converting Colors

XYZ(26.3820, 28.0922, 68.4165)

Have a look what the booklet for
XYZ(26.3820, 28.0922, 68.4165)
contains.

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Color

**XYZ(26.4065, 28.1505,
68.3318)**

Conversions

Conversions Part 1

Format	Color
Hex	5195D7
RGB	81, 149, 215
RGB Percent	32%, 58%, 84%
CMY	0.6823, 0.4157, 0.1569
CMYK	0.62, 0.31, 0.00, 0.16
HSL	210°, 63%, 58%
HSV	210°, 62%, 84%
XYZ	26.4065, 28.1505, 68.3318
YIQ	136.1920, -61.7140, 6.1100

Conversions

Conversions Part 2

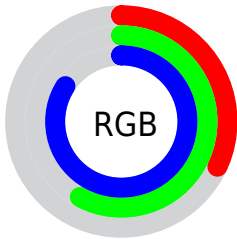
Format	Color
R_{YB}	81, 126, 215
Decimal	5346775
CIE _{Lab}	60.02, -1.43, -40.16
CIE _{LCh}	60, 40.181, 267.955
Yxy	28.1505, 0.2149, 0.2291
Android (android.graphics.Color)	4283536855 (0xFF5195D7)
YUV	136.1920, 38.8523, -48.4034
Hunter-Lab	53.0570, -4.0103, -39.2192

Details

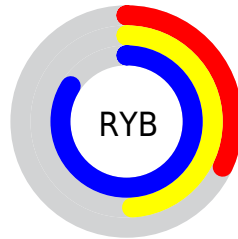
The XYZ color **26.4065, 28.1505, 68.3318** is a light color, and the websafe version is hex **6699CC**. The color can be described as light muted azure. A complement of this color would be **39.9447, 35.9107, 12.6121**, and the grayscale version is **23.3503, 24.5663, 26.7527**.

A 20% lighter version of the original color is **50.3904, 55.5946, 102.6827**, and **10.8070, 11.4617, 34.9005** is the 20% darker color. If you saturate the color by 10%, you get **23.2474, 24.1471, 67.7261**, and if you desaturate by 10%, it is **30.3031, 32.7612, 69.0169**.

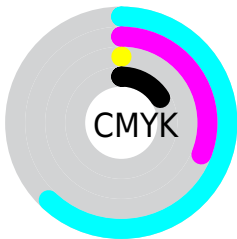
Distribution



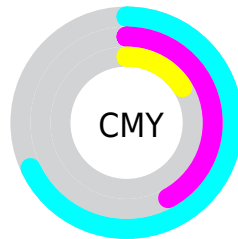
- Red (32%)
- Green (58%)
- Blue (84%)



- Red (32%)
- Yellow (49%)
- Blue (84%)



- Cyan (62%)
- Magenta (31%)
- Yellow (0%)
- Black (16%)



- Cyan (68%)
- Magenta (42%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.4065, 28.1505, 68.3318 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 26.4065, 28.1505, 68.3318 by changing the saturation by 10% instead.

■ 26.4065, 28.1505,
68.3318

■ 26.4065, 28.1505,
68.3318

276.9921,
293.1854, 473.3007

■ 17.2623, 18.4391,
49.6993

■ 53.3566, 56.7246,
118.4854

■ 10.5181, 11.2657,
34.8051

■ 71.8933, 76.3562,
150.8436

■ 5.8087, 6.2459,
23.2304

■ 94.2914, 100.0633,
188.6141

■ 2.7687, 2.9951,
14.5568

■ 120.9164,
128.2303, 232.2155

■ 1.0326, 1.1292,
8.3658

152.1336,
161.2416, 282.0663

■ 0.0000, 0.0027,
4.2388

188.3084,

■ 0.0000, 0.0000,

199.4816, 338.5851

1.7572

229.8061,
243.3347, 402.1904

■ 0.0000, 0.0000,
0.3995

■ 0.0000, 0.0000,
0.0000

■ 26.4065, 28.1505,
68.3318

■ 26.4065, 28.1505,
68.3318

■ 23.2474, 24.1471,
67.7261

■ 30.3031, 32.7612,
69.0169

■ 20.7614, 20.7105,
67.1938

■ 34.9879, 38.0096,
69.7831

■ 18.8767, 17.7978,
66.7310

■ 40.5100, 43.9272,
70.6342

■ 17.7454, 15.8653,
66.4176

■ 46.9135, 50.5421,
71.5736

■ 54.2393, 57.8805,
72.6039

■ 62.5254, 65.9672,
73.7280

■ 71.8077, 74.8254,
74.9486

■ 82.1201, 84.4774,
76.2681

■ 85.9502, 91.0551,
77.3359

Harmonies

Analogous

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



21.8664, 28.1505, 61.2897



26.4065, 28.1505, 68.3318



31.6403, 28.1505, 62.9002

Triad

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



26.4065, 28.1505, 68.3318



36.4257, 28.1505, 19.2453



19.2506, 28.1505, 17.9958

Complementary

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



26.4065, 28.1505, 68.3318



39.9447, 35.9107, 12.6121

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.



22.4025, 28.1505, 11.8859



26.4065, 28.1505, 68.3318



32.3255, 28.1505, 12.4289

Square

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



26.4065, 28.1505, 68.3318



37.8468, 28.1505, 31.6681



27.1090, 28.1505, 10.2299



18.0762, 28.1505, 29.6561

Rectangle

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



26.4065, 28.1505, 68.3318



34.7510, 28.1505, 53.6696



27.1090, 28.1505, 10.2299



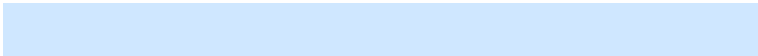
20.0925, 28.1505, 15.3837

Sweetspot

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



26.4075, 28.1515, 68.3325



72.2705, 77.6486, 105.7864



32.8651, 52.4191, 35.4864



14.8307, 15.9745, 22.5517



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.



26.4075, 28.1515, 68.3325



32.8580, 33.7213, 99.3848



18.7715, 12.8793, 65.7871



12.2583, 13.0400, 15.8084



10.7201, 9.7021, 39.7608



0.7294, 0.7507, 2.4258

Inverse Universe

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



36.3925, 22.5031, 30.8600



49.4747, 27.4648, 36.3192



53.2459, 62.5131, 17.0458



12.6836, 12.5249, 14.2739



18.4699, 9.3243, 9.7785



1.1558, 0.5791, 0.8098

Previews

White Background



This preview shows how the XYZ color 26.4065, 28.1505, 68.3318 looks on a white background.

Color Contrast Check

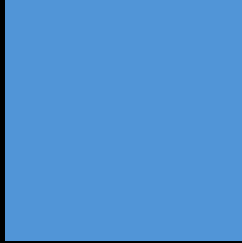
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.4065, 28.1505, 68.3318 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 26.4065, 28.1505, 68.3318

Background



This preview shows how black text looks on a background with the XYZ color 26.4065, 28.1505, 68.3318.

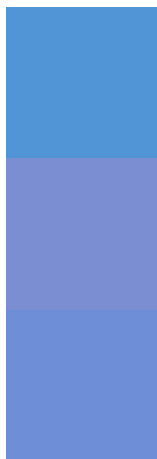


This preview shows how white text looks on a background with the XYZ color 26.4065, 28.1505,

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

26.4065, 28.1505, 68.3318

Protanopia

29.2077, 28.0870, 64.2035

Deuteranopia

28.6475, 27.9178, 68.8445



Tritanopia

21.2862, 28.2858, 42.3680

Trichromacy



Original Color

26.4065, 28.1505, 68.3318

Protanomaly

27.9467, 28.0797, 65.5750

Deuteranomaly

27.6657, 27.8613, 68.8854

Tritanomaly

22.8990, 28.1812, 50.6870

Monochromacy



Original Color

26.4065, 28.1505, 68.3318

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

23.5189, 25.4794, 39.2757

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.4065, 28.1505, 68.3318 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(81, 149, 215)` looks like.

```
.text, #text, p{  
    color:rgb(81, 149, 215)  
}
```

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(81, 149, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 149, 215) }
```

Border

The CSS property to change the border of an element to XYZ 26.4065, 28.1505, 68.3318 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(81, 149, 215) }
```


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

```
.border{ border-color:rgb(81, 149, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 149, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 149, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 149, 215);  
box-shadow:4px 4px 4px 4px rgb(81, 149,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 26.4065, 28.1505, 68.3318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 149, 215) }
```

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

```
.background{ background-color: rgb(81, 149,  
215) }
```

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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