

Converting Colors

XYZ(26.1294, 25.6069, 73.7500)

Have a look what the booklet for
XYZ(26.1294, 25.6069, 73.7500)
contains.

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Color

**XYZ(26.1668, 25.6409,
74.0911)**

Conversions

Conversions Part 1

Format	Color
Hex	528BE0
RGB	82, 139, 224
RGB Percent	32%, 55%, 88%
CMY	0.6784, 0.4549, 0.1216
CMYK	0.63, 0.38, 0.00, 0.12
HSL	216°, 70%, 60%
HSV	216°, 63%, 88%
XYZ	26.1668, 25.6409, 74.0911
YIQ	131.6470, -61.2570, 14.3510

Conversions

Conversions Part 2

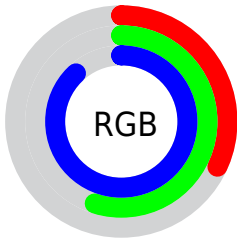
Format	Color
R _Y B	82, 123, 224
Decimal	5409760
CIE Lab	57.69, 7.62, -48.85
CIE LCh	58, 49.444, 278.863
Yxy	25.6409, 0.2078, 0.2037
Android (android.graphics.Color)	4283599840 (0xFF528BE0)
YUV	131.6470, 45.5300, -43.5404
Hunter-Lab	50.6368, 3.6261, -51.3065

Details

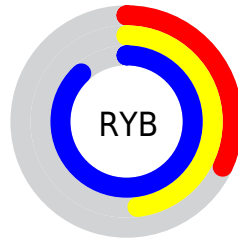
The XYZ color **26.1668, 25.6409, 74.0911** is a light color, and the websafe version is hex **6699FF**. The color can be described as light muted azure. A complement of this color would be **46.0838, 44.0964, 14.0666**, and the grayscale version is **21.6636, 22.7918, 24.8203**.

A 20% lighter version of the original color is **48.2273, 50.7589, 101.8633**, and **10.7240, 10.1395, 38.4377** is the 20% darker color. If you saturate the color by 10%, you get **22.7034, 21.1481, 73.4070**, and if you desaturate by 10%, it is **30.5060, 30.9394, 74.8857**.

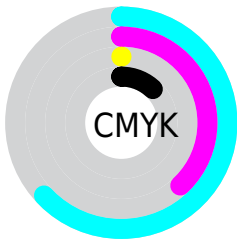
Distribution



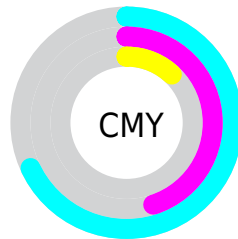
- Red (32%)
- Green (55%)
- Blue (88%)



- Red (32%)
- Yellow (48%)
- Blue (88%)



- Cyan (63%)
- Magenta (38%)
- Yellow (0%)
- Black (12%)



- Cyan (68%)
- Magenta (45%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.1668, 25.6409, 74.0911 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 26.1668, 25.6409, 74.0911 by changing the saturation by 10% instead.

■ 26.1668, 25.6409,
74.0911

■ 26.1668, 25.6409,
74.0911

275.8416,
281.0148, 493.9595

■ 17.0818, 16.5552,
54.3714

■ 52.9733, 52.6951,
126.7602

■ 10.3885, 9.9179,
38.5034

■ 71.4255, 71.4323,
160.5466

■ 5.7215, 5.3445,
26.0688

■ 93.7308, 94.1555,
199.8590

■ 2.7155, 2.4508,
16.6489

■ 120.2546,
121.2491, 245.1159

■ 1.0052, 0.8518,
9.8252

151.3623,
153.0974, 296.7359

■ 0.0000, 0.0000,
5.1791

187.4191,

■ 0.0000, 0.0000,

190.0848, 355.1374

2.2922

228.7904,
232.5959, 420.7392

■ 0.0000, 0.0000,
0.7268

■ 0.0000, 0.0000,
0.0000

■ 26.1668, 25.6409,
74.0911

■ 26.1668, 25.6409,
74.0911

■ 22.7034, 21.1481,
73.4070

■ 30.5060, 30.9394,
74.8857

■ 20.0395, 17.4080,
72.8255

■ 35.7818, 37.0860,
75.7940

■ 18.0891, 14.3629,
72.3405

■ 42.0529, 44.1228,
76.8217

■ 17.1033, 12.6792,
72.0675

■ 49.3718, 52.0880,
77.9734

■ 57.7872, 61.0172,
79.2534

■ 67.3446, 70.9440,
80.6657

■ 78.0869, 81.9002,
82.2143

■ 87.7336, 92.7198,
83.7942

■ 90.4547, 98.1619,
84.7013

Harmonies

Analogous

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



20.4932, 25.6409, 70.6876



26.1668, 25.6409, 74.0911



32.2319, 25.6409, 61.7630

Triad

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



26.1668, 25.6409, 74.0911



34.3496, 25.6409, 12.0548



15.2226, 25.6409, 17.7379

Complementary

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



26.1668, 25.6409, 74.0911



46.0838, 44.0964, 14.0666

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.



17.9048, 25.6409, 9.4534



26.1668, 25.6409, 74.0911



28.7092, 25.6409, 7.2176

Square

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



26.1668, 25.6409, 74.0911



37.4335, 25.6409, 23.1918



22.6591, 25.6409, 6.5102



14.7671, 25.6409, 33.2476

Rectangle

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



26.1668, 25.6409, 74.0911



35.4673, 25.6409, 48.3902



22.6591, 25.6409, 6.5102



15.8701, 25.6409, 14.2292

Sweetspot

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



26.1678, 25.6417, 74.0918



70.8522, 74.8119, 105.3136



36.9128, 57.8166, 44.7337



14.4894, 15.2919, 22.4379



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.



26.1678, 25.6417, 74.0918



29.2178, 26.6805, 98.2177



21.0722, 13.7887, 72.0725



13.4013, 14.1418, 17.4110



10.0609, 7.5914, 41.9834



0.7834, 0.6982, 2.9387

Inverse Universe

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



38.4189, 23.7472, 26.9855



47.5788, 26.4826, 27.0259



55.3790, 67.9431, 18.1796



13.9340, 13.7913, 15.4229



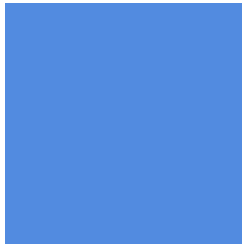
19.0185, 9.6744, 6.7632



1.3617, 0.6879, 0.6973

Previews

White Background



This preview shows how the XYZ color 26.1668, 25.6409, 74.0911 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 26.1668, 25.6409, 74.0911 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

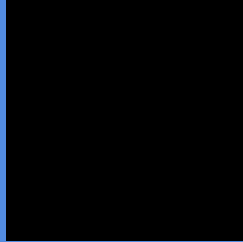
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

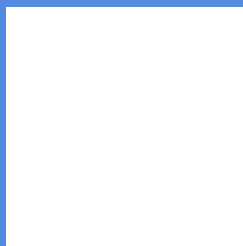
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.1668, 25.6409, 74.0911

Background



This preview shows how black text looks on a background with the XYZ color 26.1668, 25.6409, 74.0911.



This preview shows how white text looks on a background with the XYZ color 26.1668, 25.6409,

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

26.1668, 25.6409, 74.0911

Protanopia

27.4079, 25.4985, 71.1873

Deuteranopia

26.2893, 25.4901, 74.0555



Tritanopia

19.2445, 25.8149, 39.0904

Trichromacy



Original Color

26.1668, 25.6409, 74.0911

Protanomaly

26.7851, 25.3702, 71.8918

Deuteranomaly

26.1992, 25.4436, 74.0513

Tritanomaly

21.2833, 25.4367, 50.2424

Monochromacy



Original Color

26.1668, 25.6409, 74.0911

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

22.3949, 23.6220, 38.9765

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.1668, 25.6409, 74.0911 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(82, 139, 224)` looks like.

```
.text, #text, p{  
    color:rgb(82, 139, 224)  
}
```

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(82, 139, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 139, 224) }
```

Border

The CSS property to change the border of an element to XYZ 26.1668, 25.6409, 74.0911 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(82, 139, 224) }
```


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

```
.border{ border-color:rgb(82, 139, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 139, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 139, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 139, 224);  
box-shadow:4px 4px 4px 4px rgb(82, 139,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 26.1668, 25.6409, 74.0911 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 139, 224) }
```

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

```
.background{ background-color: rgb(82, 139,  
224) }
```

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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