

Converting Colors

XYZ(26.7530, 29.2481, 71.1785)

Have a look what the booklet for
XYZ(26.7530, 29.2481, 71.1785)
contains.

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Color

**XYZ(26.7759, 29.2365,
71.2498)**

Conversions

Conversions Part 1

Format	Color
Hex	4799DB
RGB	71, 153, 219
RGB Percent	28%, 60%, 86%
CMY	0.7215, 0.4000, 0.1412
CMYK	0.68, 0.30, 0.00, 0.14
HSL	207°, 67%, 57%
HSV	207°, 68%, 86%
XYZ	26.7759, 29.2365, 71.2498
YIQ	136.0060, -70.0580, 3.1420

Conversions

Conversions Part 2

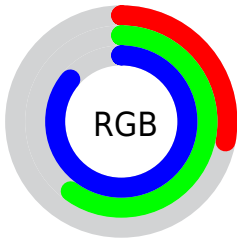
Format	Color
R _Y B	71, 124, 219
Decimal	4692443
CIE Lab	60.99, -4.08, -40.89
CIE LCh	61, 41.097, 264.302
Yxy	29.2365, 0.2104, 0.2297
Android (android.graphics.Color)	4282882523 (0xFF4799DB)
YUV	136.0060, 40.9160, -57.0103
Hunter-Lab	54.0708, -6.2305, -40.2777

Details

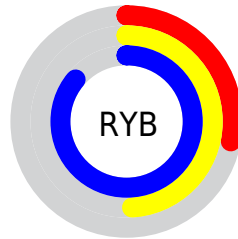
The XYZ color **26.7759, 29.2365, 71.2498** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **39.2980, 33.4087, 10.3399**, and the grayscale version is **23.2757, 24.4879, 26.6673**.

A 20% lighter version of the original color is **50.1943, 56.9140, 102.9477**, and **11.4522, 12.1831, 36.8699** is the 20% darker color. If you saturate the color by 10%, you get **23.9160, 25.4858, 70.6772**, and if you desaturate by 10%, it is **30.3473, 33.5491, 71.8946**.

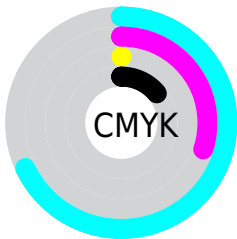
Distribution



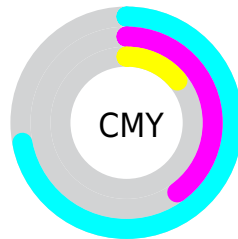
- Red (28%)
- Green (60%)
- Blue (86%)



- Red (28%)
- Yellow (49%)
- Blue (86%)



- Cyan (68%)
- Magenta (30%)
- Yellow (0%)
- Black (14%)



- Cyan (72%)
- Magenta (40%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.7759, 29.2365, 71.2498 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 26.7759, 29.2365, 71.2498 by changing the saturation by 10% instead.

■ 26.7759, 29.2365,
71.2498

■ 26.7759, 29.2365,
71.2498

278.7578,
298.3292, 483.8334

■ 17.5407, 19.2598,
52.0630

■ 53.9465, 58.4526,
122.6871

■ 10.7184, 11.8582,
36.6727

■ 72.6126, 78.4608,
155.7747

■ 5.9437, 6.6472,
24.6604

■ 95.1530, 102.5817,
194.3330

■ 2.8512, 3.2424,
15.6075

■ 121.9331,
131.1996, 238.7805

■ 1.0756, 1.2596,
9.0955

153.3183,
164.6989, 289.5357

■ 0.0045, 0.1096,
4.7059

189.6739,

■ 0.0000, 0.0000,

203.4640, 347.0172

2.0200

231.3653,
247.8793, 411.6436

■ 0.0000, 0.0000,
0.5676

■ 0.0000, 0.0000,
0.0000

■ 26.7759, 29.2365,
71.2498

■ 26.7759, 29.2365,
71.2498

■ 23.9160, 25.4858,
70.6772

■ 30.3473, 33.5491,
71.8946

■ 21.6957, 22.2541,
70.1704

■ 34.6859, 38.4555,
72.6129

■ 20.0231, 19.4895,
69.7250

■ 39.8449, 43.9879,
73.4089

■ 19.6644, 18.8708,
69.6244

■ 45.8715, 50.1748,
74.2854

■ 52.8092, 57.0426,
75.2454

■ 60.6982, 64.6161,
76.2915

■ 69.5764, 72.9187,
77.4261

■ 79.4793, 81.9724,
78.6517

■ 85.4524, 89.2267,
79.7371

Harmonies

Analogous

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



22.1890, 29.2365, 62.3887



26.7759, 29.2365, 71.2498



32.2575, 29.2365, 67.1001

Triad

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



26.7759, 29.2365, 71.2498



38.2997, 29.2365, 21.1499



20.2191, 29.2365, 17.5097

Complementary

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



26.7759, 29.2365, 71.2498



39.2980, 33.4087, 10.3399

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.



23.7525, 29.2365, 11.7747



26.7759, 29.2365, 71.2498



34.2585, 29.2365, 13.3531

Square

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



26.7759, 29.2365, 71.2498



39.3795, 29.2365, 34.8605



28.8261, 29.2365, 10.5454



18.7293, 29.2365, 28.9872

Rectangle

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



26.7759, 29.2365, 71.2498



35.6409, 29.2365, 58.0292



28.8261, 29.2365, 10.5454



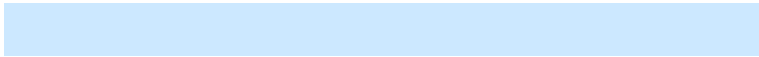
21.1834, 29.2365, 15.0153

Sweetspot

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



26.7770, 29.2375, 71.2505



71.8806, 77.9148, 105.8583



32.3138, 53.7566, 31.6457



14.7834, 16.0829, 22.5751



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.



26.7770, 29.2375, 71.2505



32.3673, 34.0135, 99.4671



18.3186, 12.3206, 68.4311



12.9339, 13.8075, 16.6356



11.7709, 11.4112, 41.3206



0.8481, 0.9103, 2.7054

Inverse Universe

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



37.2174, 21.8677, 32.3971



48.9161, 26.0512, 37.0473



53.1848, 61.1823, 14.9689



13.3565, 13.1717, 15.1385



19.4367, 9.7757, 11.9458



1.3024, 0.6506, 1.0012

Previews

White Background



This preview shows how the XYZ color 26.7759, 29.2365, 71.2498 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 26.7759, 29.2365, 71.2498 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

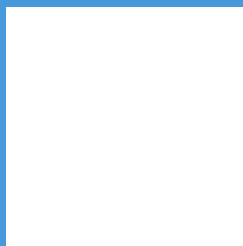
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.7759, 29.2365, 71.2498

Background



This preview shows how black text looks on a background with the XYZ color 26.7759, 29.2365, 71.2498.

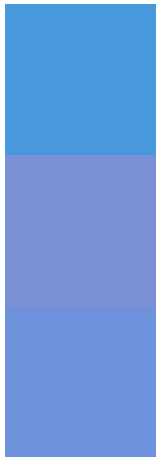


This preview shows how white text looks on a background with the XYZ color 26.7759, 29.2365,

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

26.7759, 29.2365, 71.2498

Protanopia

30.1691, 28.9851, 66.2919

Deuteranopia

29.8856, 29.1577, 72.4595



Tritanopia

21.6130, 29.4280, 45.0985

Trichromacy



Original Color

26.7759, 29.2365, 71.2498

Protanomaly

28.5252, 28.7770, 68.3411

Deuteranomaly

28.4896, 29.1490, 71.8349

Tritanomaly

23.2703, 29.3147, 53.7221

Monochromacy



Original Color

26.7759, 29.2365, 71.2498

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

23.2380, 25.5439, 39.7821

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.7759, 29.2365, 71.2498 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(71, 153, 219)` looks like.

```
.text, #text, p{  
    color:rgb(71, 153, 219)  
}
```

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(71, 153, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 153, 219) }
```

Border

The CSS property to change the border of an element to XYZ 26.7759, 29.2365, 71.2498 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(71, 153, 219) }
```


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

```
.border{ border-color:rgb(71, 153, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 153, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 153, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 153, 219);  
box-shadow:4px 4px 4px 4px rgb(71, 153,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 26.7759, 29.2365, 71.2498 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 153, 219) }
```

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

```
.background{ background-color: rgb(71, 153,  
219) }
```

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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