

Converting Colors

XYZ(28.2801, 26.6634, 75.6553)

Have a look what the booklet for
XYZ(28.2801, 26.6634, 75.6553)
contains.

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Color

**XYZ(28.3269, 26.7229,
75.6166)**

Conversions

Conversions Part 1

Format	Color
Hex	658BE2
RGB	101, 139, 226
RGB Percent	40%, 55%, 89%
CMY	0.6039, 0.4549, 0.1137
CMYK	0.55, 0.38, 0.00, 0.11
HSL	222°, 68%, 64%
HSV	222°, 55%, 89%
XYZ	28.3269, 26.7229, 75.6166
YIQ	137.5560, -50.5750, 19.0010

Conversions

Conversions Part 2

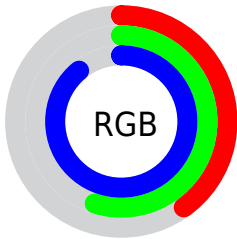
Format	Color
RYB	101, 130, 226
Decimal	6654946
CIELab	58.72, 11.93, -48.29
CIElCh	59, 49.741, 283.873
Yxy	26.7229, 0.2168, 0.2045
Android (android.graphics.Color)	4284845026 (0xFF658BE2)
YUV	137.5560, 43.6029, -32.0596
Hunter-Lab	51.6942, 7.3479, -50.5416

Details

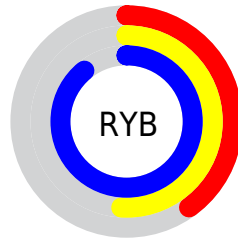
The XYZ color **28.3269, 26.7229, 75.6166** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **51.6979, 53.0772, 19.8336**, and the grayscale version is **23.8429, 25.0846, 27.3171**.

A 20% lighter version of the original color is **51.1977, 52.2902, 102.0024**, and **11.6050, 10.5719, 39.4591** is the 20% darker color. If you saturate the color by 10%, you get **24.0195, 21.3613, 74.8093**, and if you desaturate by 10%, it is **33.6597, 33.1004, 76.5671**.

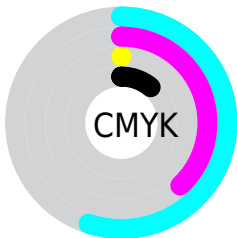
Distribution



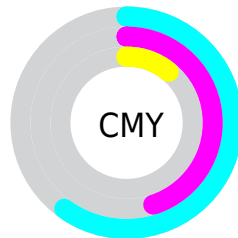
- Red (40%)
- Green (55%)
- Blue (89%)



- Red (40%)
- Yellow (51%)
- Blue (89%)



- Cyan (55%)
- Magenta (38%)
- Yellow (0%)
- Black (11%)



- Cyan (60%)
- Magenta (45%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.3269, 26.7229, 75.6166 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 28.3269, 26.7229, 75.6166 by changing the saturation by 10% instead.

■ 28.3269, 26.7229,
75.6166

■ 28.3269, 26.7229,
75.6166

286.0775,
286.3129, 499.3461

■ 18.7139, 17.3652,
55.6134

■ 56.4109, 54.4389,
128.9399

■ 11.5665, 10.4952,
39.4911

■ 75.6127, 73.5660,
163.0971

■ 6.5193, 5.7285,
26.8313

■ 98.7415, 96.7184,
202.8094

■ 3.2070, 2.6807,
17.2152

■ 126.1626,
124.2804, 248.4953

■ 1.2642, 0.9674,
10.2245

158.2414,
156.6365, 300.5734

■ 0.1561, 0.0000,
5.4405

195.3432,

■ 0.0000, 0.0000,

194.1710, 359.4622

2.4447

237.8335,
237.2683, 425.5803

■ 0.0000, 0.0000,
0.8107

■ 0.0000, 0.0000,
0.0000

■ 28.3269, 26.7229,
75.6166

■ 28.3269, 26.7229,
75.6166

■ 24.0195, 21.3613,
74.8093

■ 33.6597, 33.1004,
76.5671

■ 20.6620, 16.9548,
74.1357

■ 40.0798, 40.5439,
77.6654

■ 18.1722, 13.4394,
73.5884

■ 47.6476, 49.1035,
78.9187

■ 16.4505, 10.7396,
73.1580

■ 56.4181, 58.8248,
80.3329

■ 15.8373, 9.7104,
72.9917

■ 66.4424, 69.7509,
81.9135

■ 77.7687, 81.9226,
83.6659

■ 88.8781, 94.5721,
85.5220

■ 90.7276, 98.2710,
86.1385

Harmonies

Analogous

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



22.2686, 26.7229, 74.9699



28.3269, 26.7229, 75.6166



34.4600, 26.7229, 60.7839

Triad

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



28.3269, 26.7229, 75.6166



34.8627, 26.7229, 11.4308



15.6882, 26.7229, 20.7029

Complementary

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



28.3269, 26.7229, 75.6166



51.6979, 53.0772, 19.8336

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.



18.0848, 26.7229, 10.9353



28.3269, 26.7229, 75.6166



28.8105, 26.7229, 7.2435

Square

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



28.3269, 26.7229, 75.6166



38.6235, 26.7229, 21.7404



22.6807, 26.7229, 7.1085



15.6015, 26.7229, 37.9494

Rectangle

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



28.3269, 26.7229, 75.6166



37.4984, 26.7229, 46.6056



22.6807, 26.7229, 7.1085



16.2306, 26.7229, 16.6351

Sweetspot

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



28.3279, 26.7238, 75.6173



71.9792, 74.9223, 105.2755



41.4716, 60.7232, 56.2233



14.8921, 15.4685, 22.4508



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.



28.3279, 26.7238, 75.6173



31.0209, 27.3685, 98.2554



26.6827, 19.0788, 74.2284



13.2901, 13.9193, 17.3739



9.1268, 5.7233, 41.6720



0.7098, 0.5511, 2.9142

Inverse Universe

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



40.6789, 27.3415, 27.5602



49.2012, 29.8588, 27.1616



54.1976, 68.0413, 22.5902



13.8779, 13.7688, 15.1272



18.5470, 9.4858, 4.2804



1.3246, 0.6731, 0.5019

Previews

White Background



This preview shows how the XYZ color 28.3269, 26.7229, 75.6166 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 28.3269, 26.7229, 75.6166 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

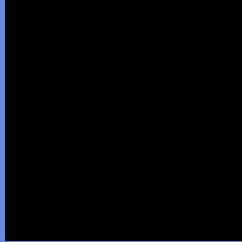
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.3269, 26.7229, 75.6166

Background



This preview shows how black text looks on a background with the XYZ color 28.3269, 26.7229, 75.6166.



This preview shows how white text looks on a background with the XYZ color 28.3269, 26.7229,

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

28.3269, 26.7229, 75.6166

Protanopia

28.7425, 26.7390, 74.8804

Deuteranopia

27.5667, 26.7649, 75.6647



Tritanopia

21.0710, 26.7565, 39.1759

Trichromacy



Original Color

28.3269, 26.7229, 75.6166

Protanomaly

28.5048, 26.6165, 74.8693

Deuteranomaly

27.8249, 26.6800, 75.6347

Tritanomaly

23.2411, 26.4337, 50.8910

Monochromacy



Original Color

28.3269, 26.7229, 75.6166

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

24.8016, 25.4392, 41.6333

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.3269, 26.7229, 75.6166 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(101, 139, 226)` looks like.

```
.text, #text, p{  
    color:rgb(101, 139, 226)  
}
```

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(101, 139, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 139, 226) }
```

Border

The CSS property to change the border of an element to XYZ 28.3269, 26.7229, 75.6166 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(101, 139, 226) }
```


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

```
.border{ border-color:rgb(101, 139, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 139, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 139, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 139, 226);  
box-shadow:4px 4px 4px 4px rgb(101, 139,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 28.3269, 26.7229, 75.6166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 139, 226) }
```

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

```
.background{ background-color: rgb(101,  
139, 226) }
```

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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