

Converting Colors

XYZ(28.0503, 26.6218, 71.5943)

Have a look what the booklet for
XYZ(28.0503, 26.6218, 71.5943)
contains.

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Color

**XYZ(28.0947, 26.6967,
71.3824)**

Conversions

Conversions Part 1

Format	Color
Hex	6A8BDC
RGB	106, 139, 220
RGB Percent	42%, 55%, 86%
CMY	0.5843, 0.4549, 0.1373
CMYK	0.52, 0.37, 0.00, 0.14
HSL	223°, 62%, 64%
HSV	223°, 52%, 86%
XYZ	28.0947, 26.6967, 71.3824
YIQ	138.3670, -45.6690, 18.1950

Conversions

Conversions Part 2

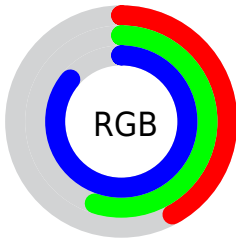
Format	Color
RYB	106, 132, 220
Decimal	6982620
CIELab	58.69, 11.12, -44.96
CIELCh	59, 46.317, 283.888
Yxy	26.6967, 0.2227, 0.2116
Android (android.graphics.Color)	4285172700 (0xFF6A8BDC)
YUV	138.3670, 40.2451, -28.3859
Hunter-Lab	51.6688, 6.6381, -45.7431

Details

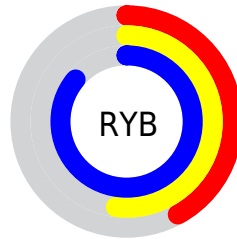
The XYZ color **28.0947, 26.6967, 71.3824** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **49.8883, 51.7987, 21.0058**, and the grayscale version is **24.1620, 25.4203, 27.6827**.

A 20% lighter version of the original color is **52.0039, 52.7058, 102.0401**, and **11.3554, 10.3830, 36.5276** is the 20% darker color. If you saturate the color by 10%, you get **23.7039, 21.3103, 70.5747**, and if you desaturate by 10%, it is **33.4817, 33.0780, 72.3307**.

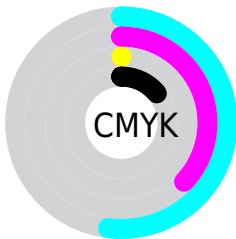
Distribution



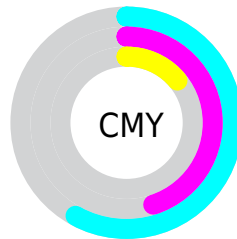
- Red (42%)
- Green (55%)
- Blue (86%)



- Red (42%)
- Yellow (52%)
- Blue (86%)



- Cyan (52%)
- Magenta (37%)
- Yellow (0%)
- Black (14%)



- Cyan (58%)
- Magenta (45%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.0947, 26.6967, 71.3824 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 28.0947, 26.6967, 71.3824 by changing the saturation by 10% instead.

■ 28.0947, 26.6967,
71.3824

■ 28.0947, 26.6967,
71.3824

284.9910,
286.1856, 484.3087

■ 18.5379, 17.3456,
52.1706

■ 56.0432, 54.3968,
122.8776

■ 11.4389, 10.4812,
36.7579

■ 75.1656, 73.5145,
155.9980

■ 6.4323, 5.7191,
24.7258

■ 98.2072, 96.6566,
194.5918

■ 3.1528, 2.6751,
15.6557

■ 125.5333,
124.2074, 239.0774

■ 1.2351, 0.9645,
9.1291

157.5095,
156.5513, 289.8733

■ 0.1338, 0.0000,
4.7275

194.5009,

■ 0.0000, 0.0000,

194.0727, 347.3981

2.0324

236.8730,
237.1560, 412.0704

■ 0.0000, 0.0000,
0.5751

■ 0.0000, 0.0000,
0.0000

■ 28.0947, 26.6967,
71.3824

■ 28.0947, 26.6967,
71.3824

■ 23.7039, 21.3103,
70.5747

■ 33.4817, 33.0780,
72.3307

■ 20.2403, 16.8616,
69.8985

■ 39.9216, 40.5011,
73.4241

■ 17.6300, 13.2912,
69.3470

■ 47.4702, 49.0134,
74.6693

■ 15.7851, 10.5304,
68.9113

■ 56.1782, 58.6581,
76.0720

■ 14.7338, 8.7983,
68.6324

■ 66.0934, 69.4763,
77.6375

■ 77.2606, 81.5066,
79.3710

■ 87.8568, 93.8243,
81.1901

■ 89.9184, 97.9474,
81.8772

Harmonies

Analogous

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



22.4549, 26.6967, 70.8102



28.0947, 26.6967, 71.3824



33.7486, 26.6967, 58.0372

Triad

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



28.0947, 26.6967, 71.3824



34.1136, 26.6967, 12.2961



16.2405, 26.6967, 21.2039

Complementary

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



28.0947, 26.6967, 71.3824



49.8883, 51.7987, 21.0058

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.



18.5145, 26.6967, 11.8171



28.0947, 26.6967, 71.3824



28.5366, 26.6967, 8.1488

Square

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



28.0947, 26.6967, 71.3824



37.5594, 26.6967, 22.1715



22.8356, 26.6967, 8.0145



16.1589, 26.6967, 37.2645

Rectangle

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



28.0947, 26.6967, 71.3824



36.5329, 26.6967, 45.1728



22.8356, 26.6967, 8.0145



16.7565, 26.6967, 17.3338

Sweetspot

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



28.0957, 26.6976, 71.3831



73.0390, 75.9444, 105.4169



40.3797, 57.7881, 55.3701



15.0955, 15.6592, 22.4768



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.



28.0957, 26.6976, 71.3831



32.7411, 29.2999, 98.5375



27.0964, 20.1282, 70.1677



12.6442, 13.2282, 16.5390



8.7304, 5.3303, 40.3071



0.6388, 0.4917, 2.6357

Inverse Universe

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



39.3303, 27.3890, 27.6405



50.4379, 31.7639, 29.3258



51.2740, 64.1251, 23.3120



13.2103, 13.1132, 14.3686



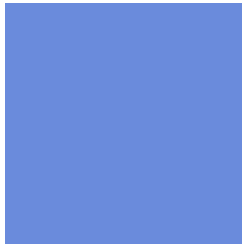
17.9021, 9.1619, 3.8643



1.1967, 0.6083, 0.4449

Previews

White Background



This preview shows how the XYZ color 28.0947, 26.6967, 71.3824 looks on a white background.

Color Contrast Check

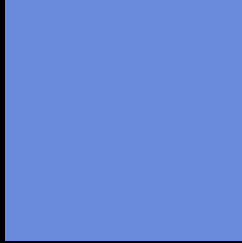
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.0947, 26.6967, 71.3824 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

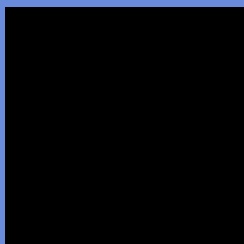
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.0947, 26.6967, 71.3824

Background



This preview shows how black text looks on a background with the XYZ color 28.0947, 26.6967, 71.3824.

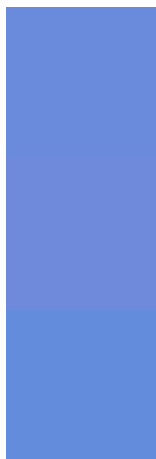


This preview shows how white text looks on a background with the XYZ color 28.0947, 26.6967,

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

28.0947, 26.6967, 71.3824

Protanopia

28.4302, 26.6709, 70.6674

Deuteranopia

27.5887, 26.8697, 71.4424



Tritanopia

21.6079, 26.8038, 38.6851

Trichromacy



Original Color

28.0947, 26.6967, 71.3824

Protanomaly

28.1813, 26.5426, 70.6558

Deuteranomaly

27.7758, 26.7483, 71.4091

Tritanomaly

23.7015, 26.7078, 49.2533

Monochromacy



Original Color

28.0947, 26.6967, 71.3824

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

24.7605, 25.4397, 40.6511

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.0947, 26.6967, 71.3824 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(106, 139, 220)` looks like.

```
.text, #text, p{  
    color:rgb(106, 139, 220)  
}
```

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(106, 139, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 139, 220) }
```

Border

The CSS property to change the border of an element to XYZ 28.0947, 26.6967, 71.3824 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(106, 139, 220) }
```


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

```
.border{ border-color:rgb(106, 139, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 139, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 139, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 139, 220);  
box-shadow:4px 4px 4px 4px rgb(106, 139,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 28.0947, 26.6967, 71.3824 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 139, 220) }
```

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

```
.background{ background-color: rgb(106,  
139, 220) }
```

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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