

Converting Colors

XYZ(30.0360, 27.6975, 71.4732)

Have a look what the booklet for
XYZ(30.0360, 27.6975, 71.4732)
contains.

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Color

**XYZ(30.0360, 27.6975,
71.4732)**

Conversions

Conversions Part 1

Format	Color
Hex	798BDC
RGB	121, 139, 220
RGB Percent	47%, 55%, 86%
CMY	0.5255, 0.4549, 0.1373
CMYK	0.45, 0.37, 0.00, 0.14
HSL	229°, 59%, 67%
HSV	229°, 45%, 86%
XYZ	30.0360, 27.6975, 71.4732
YIQ	142.8520, -36.7290, 21.3750

Conversions

Conversions Part 2

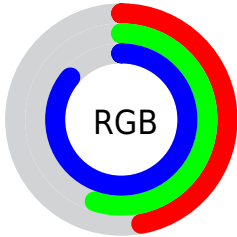
Format	Color
R_{YB}	121, 136, 220
Decimal	7965660
CIE _{Lab}	59.61, 14.64, -43.45
CIE _{LCh}	60, 45.848, 288.627
Yxy	27.6975, 0.2325, 0.2144
Android (android.graphics.Color)	4286155740 (0xFF798BDC)
YUV	142.8520, 38.0340, -19.1642
Hunter-Lab	52.6284, 9.7735, -43.6802

Details

The XYZ color **30.0360, 27.6975, 71.4732** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **54.0880, 58.8385, 26.5967**, and the grayscale version is **25.9140, 27.2636, 29.6900**.

A 20% lighter version of the original color is **55.0311, 54.2664, 102.1818**, and **12.4532, 10.9489, 36.5790** is the 20% darker color. If you saturate the color by 10%, you get **24.9020, 21.4955, 70.5472**, and if you desaturate by 10%, it is **36.3042, 35.1222, 72.5765**.

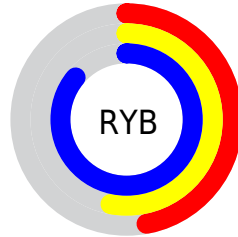
Distribution



Red (47%)

Green (55%)

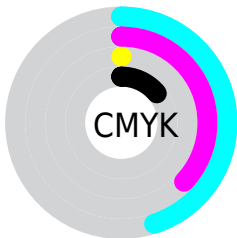
Blue (86%)



Red (47%)

Yellow (53%)

Blue (86%)

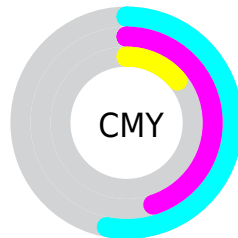


Cyan (45%)

Magenta (37%)

Yellow (0%)

Black (14%)



Cyan (53%)

Magenta (45%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.0360, 27.6975, 71.4732 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 30.0360, 27.6975, 71.4732 by changing the saturation by 10% instead.

■ 30.0360, 27.6975,
71.4732

■ 30.0360, 27.6975,
71.4732

293.9790,
291.0186, 484.6341

■ 20.0141, 18.0978,
52.2443

■ 59.1053, 56.0011,
123.0080

■ 12.5136, 11.0202,
36.8162

■ 78.8835, 75.4738,
156.1509

■ 7.1692, 6.0804,
24.7706

■ 102.6445, 99.0062,
194.7690

■ 3.6154, 2.8940,
15.6887

130.7537,
126.9828, 239.2806

■ 1.4869, 1.0767,
9.1522

163.5763,
159.7879, 290.1044

■ 0.3169, 0.0000,
4.7424

201.4779,

■ 0.0000, 0.0000,

197.8060, 347.6589

2.0409

244.8237,
241.4215, 412.3626

■ 0.0000, 0.0000,
0.5802

■ 0.0000, 0.0000,
0.0000

■ 30.0360, 27.6975,
71.4732

■ 30.0360, 27.6975,
71.4732

■ 24.9020, 21.4955,
70.5472

■ 36.3042, 35.1222,
72.5765

■ 20.8297, 16.4461,
69.7872

■ 43.7668, 43.8282,
73.8636

■ 17.7427, 12.4769,
69.1838

■ 52.4836, 53.8740,
75.3432

■ 15.5529, 9.5052,
68.7256

■ 62.5092, 65.3136,
77.0228

■ 14.1548, 7.4352,
68.3998

■ 73.8951, 78.1977,
78.9096

■ 13.6771, 6.6848,
68.2801

■ 86.6900, 92.5749,
81.0103

■ 89.9184, 97.9473,
81.8772

Harmonies

Analogous

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



24.1950, 27.6975, 73.3413



30.0360, 27.6975, 71.4732



35.5738, 27.6975, 56.4552

Triad

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



30.0360, 27.6975, 71.4732



34.3727, 27.6975, 12.0281



16.8670, 27.6975, 24.3086

Complementary

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



30.0360, 27.6975, 71.4732



54.0880, 58.8385, 26.5967

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.



18.8377, 27.6975, 13.6373



30.0360, 27.6975, 71.4732



28.5778, 27.6975, 8.4835

Square

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



30.0360, 27.6975, 71.4732



38.3193, 27.6975, 21.0940



22.9342, 27.6975, 8.9387



17.1388, 27.6975, 41.5049

Rectangle

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



30.0360, 27.6975, 71.4732



38.0859, 27.6975, 43.3031



22.9342, 27.6975, 8.9387



17.2760, 27.6975, 19.9849

Sweetspot

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



30.0370, 27.6985, 71.4739



75.8378, 78.1450, 105.6942



44.1222, 59.5092, 64.9458



15.6025, 16.0046, 22.5168



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.



30.0370, 27.6985, 71.4739



35.1494, 30.4685, 98.6362



32.7713, 25.5526, 70.9156



12.5292, 12.9982, 16.5007



8.0854, 4.0403, 40.0921



0.5817, 0.3776, 2.6167

Inverse Universe

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



41.0137, 30.7556, 28.2018



52.5440, 36.0157, 29.9056



49.9448, 63.3417, 27.6842



13.1522, 13.0900, 14.0629



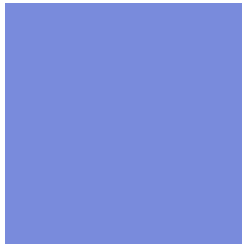
17.5765, 9.0316, 2.1498



1.1679, 0.5968, 0.2933

Previews

White Background



This preview shows how the XYZ color 30.0360, 27.6975, 71.4732 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 30.0360, 27.6975, 71.4732 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

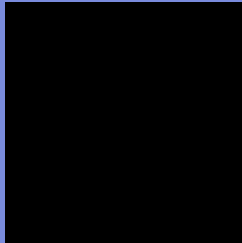
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 30.0360, 27.6975, 71.4732

Background



This preview shows how black text looks on a background with the XYZ color 30.0360, 27.6975, 71.4732.

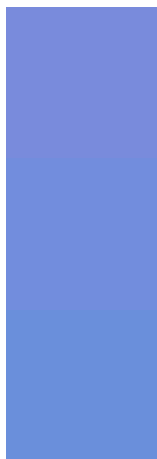


This preview shows how white text looks on a background with the XYZ color 30.0360, 27.6975,

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

30.0360, 27.6975, 71.4732

Protanopia

29.5155, 27.8476, 72.2261

Deuteranopia

28.5525, 27.8236, 70.8834



Tritanopia

23.5032, 27.7808, 38.7738

Trichromacy



Original Color

30.0360, 27.6975, 71.4732

Protanomaly

29.7653, 27.7585, 72.1957

Deuteranomaly

29.0147, 27.8400, 70.8622

Tritanomaly

25.6410, 27.7076, 49.3441

Monochromacy



Original Color

30.0360, 27.6975, 71.4732

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

27.0154, 27.4372, 42.4001

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.0360, 27.6975, 71.4732 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(121, 139, 220)` looks like.

```
.text, #text, p{  
    color:rgb(121, 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(121, 139, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 139, 220) }
```

Border

The CSS property to change the border of an element to XYZ 30.0360, 27.6975, 71.4732 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(121, 139, 220) }
```


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

```
.border{ border-color:rgb(121, 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(121, 139, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 139, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 139, 220);  
box-shadow:4px 4px 4px 4px rgb(121, 139,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 30.0360, 27.6975, 71.4732 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 139, 220) }
```

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

```
.background{ background-color: rgb(121,  
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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