

Converting Colors

XYZ(29.9255, 27.9967, 75.0608)

Have a look what the booklet for
XYZ(29.9255, 27.9967, 75.0608)
contains.

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Color

**XYZ(29.9255, 27.9967,
75.0608)**

Conversions

Conversions Part 1

Format	Color
Hex	718DE1
RGB	113, 141, 225
RGB Percent	44%, 55%, 88%
CMY	0.5568, 0.4471, 0.1176
CMYK	0.50, 0.37, 0.00, 0.12
HSL	225°, 65%, 66%
HSV	225°, 50%, 88%
XYZ	29.9255, 27.9967, 75.0608
YIQ	142.2040, -43.6520, 20.1880

Conversions

Conversions Part 2

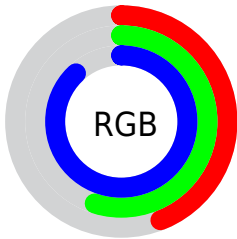
Format	Color
RYB	113, 135, 225
Decimal	7441889
CIELab	59.89, 13.06, -45.84
CIELCh	60, 47.663, 285.899
Yxy	27.9967, 0.2250, 0.2105
Android (android.graphics.Color)	4285631969 (0xFF718DE1)
YUV	142.2040, 40.8184, -25.6119
Hunter-Lab	52.9119, 8.3588, -47.0704

Details

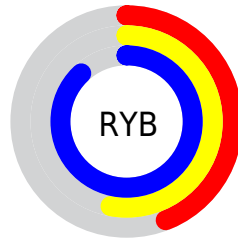
The XYZ color **29.9255, 27.9967, 75.0608** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **53.9995, 57.1341, 23.8061**, and the grayscale version is **25.6487, 26.9844, 29.3860**.

A 20% lighter version of the original color is **53.9194, 54.3496, 102.2564**, and **12.4238, 11.1310, 39.0298** is the 20% darker color. If you saturate the color by 10%, you get **25.0800, 22.0824, 74.1752**, and if you desaturate by 10%, it is **35.8698, 35.0411, 76.1078**.

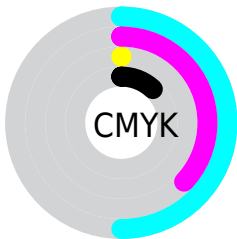
Distribution



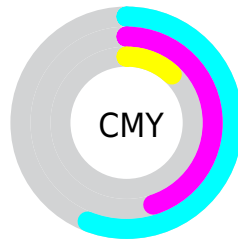
- Red (44%)
- Green (55%)
- Blue (88%)



- Red (44%)
- Yellow (53%)
- Blue (88%)



- Cyan (50%)
- Magenta (37%)
- Yellow (0%)
- Black (12%)



- Cyan (56%)
- Magenta (45%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.9255, 27.9967, 75.0608 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 29.9255, 27.9967, 75.0608 by changing the saturation by 10% instead.

■ 29.9255, 27.9967,
75.0608

■ 29.9255, 27.9967,
75.0608

293.4731,
292.4511, 497.3875

■ 19.9298, 18.3232,
55.1607

■ 58.9318, 56.4792,
128.1463

■ 12.4520, 11.1823,
39.1309

■ 78.6731, 76.0569,
162.1688

■ 7.1267, 6.1896,
26.5530

■ 102.3937, 99.7048,
201.7358

■ 3.5885, 2.9607,
17.0083

130.4589,
127.8073, 247.2658

■ 1.4721, 1.1112,
10.0784

163.2341,
160.7488, 299.1775

■ 0.3067, 0.0000,
5.3447

201.0846,

■ 0.0000, 0.0000,

198.9137, 357.8893

2.3886

244.3758,
242.6863, 423.8198

■ 0.0000, 0.0000,
0.7802

■ 0.0000, 0.0000,
0.0000

■ 29.9255, 27.9967,
75.0608

■ 29.9255, 27.9967,
75.0608

■ 25.0800, 22.0824,
74.1752

■ 35.8698, 35.0411,
76.1078

■ 21.2589, 17.2333,
73.4406

■ 42.9742, 43.2697,
77.3216

■ 18.3832, 13.3816,
72.8487

■ 51.2990, 52.7366,
78.7101

■ 16.3597, 10.4496,
72.3894

■ 60.8996, 63.4913,
80.2800

■ 15.0417, 8.3289,
72.0495

■ 71.8276, 75.5808,
82.0375

■ 15.0169, 8.2886,
72.0431

■ 84.1319, 89.0496,
83.9888

■ 90.5907, 98.2163,
85.4177

Harmonies

Analogous

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



23.8753, 27.9967, 75.5550



29.9255, 27.9967, 75.0608



35.8681, 27.9967, 60.0431

Triad

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



29.9255, 27.9967, 75.0608



35.5542, 27.9967, 12.2727



16.8473, 27.9967, 23.0660

Complementary

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



29.9255, 27.9967, 75.0608



53.9995, 57.1341, 23.8061

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.



19.1002, 27.9967, 12.6800



29.9255, 27.9967, 75.0608



29.5460, 27.9967, 8.2441

Square

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



29.9255, 27.9967, 75.0608



39.4388, 27.9967, 22.2379



23.5489, 27.9967, 8.3578



16.9170, 27.9967, 40.5508

Rectangle

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



29.9255, 27.9967, 75.0608



38.7036, 27.9967, 46.2120



23.5489, 27.9967, 8.3578



17.3413, 27.9967, 18.8028

Sweetspot

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



29.9266, 27.9977, 75.0615



73.8723, 76.4959, 105.4794



43.8143, 61.3932, 62.3652



15.2434, 15.7354, 22.4838



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.



29.9266, 27.9977, 75.0615



32.9438, 28.8734, 98.4445



30.4815, 22.9107, 74.0504



13.2291, 13.7972, 17.3536



8.7316, 4.9328, 41.5403



0.6757, 0.4828, 2.9028

Inverse Universe

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



41.7651, 29.7422, 28.7397



50.7433, 32.6635, 28.5370



52.9327, 66.9138, 25.7500



13.8471, 13.7565, 14.9649



18.3475, 9.4060, 3.2299



1.3073, 0.6662, 0.4111

Previews

White Background



This preview shows how the XYZ color 29.9255, 27.9967, 75.0608 looks on a white background.

Color Contrast Check

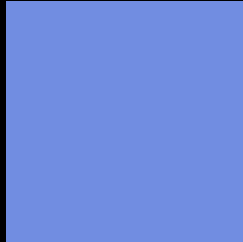
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.9255, 27.9967, 75.0608 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 29.9255, 27.9967, 75.0608

Background



This preview shows how black text looks on a background with the XYZ color 29.9255, 27.9967, 75.0608.



This preview shows how white text looks on a background with the XYZ color 29.9255, 27.9967,

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

29.9255, 27.9967, 75.0608

Protanopia

29.9255, 27.9967, 75.0608

Deuteranopia

28.7946, 28.0950, 74.4263



Tritanopia

22.8903, 27.9153, 40.2581

Trichromacy



Original Color

29.9255, 27.9967, 75.0608

Protanomaly

29.9255, 27.9967, 75.0608

Deuteranomaly

29.1027, 28.0300, 74.3975

Tritanomaly

25.0839, 27.8494, 51.0671

Monochromacy



Original Color

29.9255, 27.9967, 75.0608

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

26.4795, 27.1499, 42.8746

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.9255, 27.9967, 75.0608 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(113, 141, 225)` looks like.

```
.text, #text, p{  
    color:rgb(113, 141, 225)  
}
```

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(113, 141, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 141, 225) }
```

Border

The CSS property to change the border of an element to XYZ 29.9255, 27.9967, 75.0608 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(113, 141, 225) }
```


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

```
.border{ border-color:rgb(113, 141, 225) }
```

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

Here you see how a box with a 4 pixel rgb(113, 141, 225) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 141, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 141, 225);  
box-shadow:4px 4px 4px 4px rgb(113, 141,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 29.9255, 27.9967, 75.0608 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 141, 225) }
```

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

```
.background{ background-color: rgb(113,  
141, 225) }
```

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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