

Converting Colors

XYZ(30.6511, 27.4585, 75.6871)

Have a look what the booklet for
XYZ(30.6511, 27.4585, 75.6871)
contains.

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Color

**XYZ(30.6992, 27.5199,
75.6454)**

Conversions

Conversions Part 1

Format	Color
Hex	7A89E2
RGB	122, 137, 226
RGB Percent	48%, 54%, 89%
CMY	0.5215, 0.4627, 0.1137
CMYK	0.46, 0.39, 0.00, 0.11
HSL	231°, 64%, 68%
HSV	231°, 46%, 89%
XYZ	30.6992, 27.5199, 75.6454
YIQ	142.6610, -37.5090, 24.4990

Conversions

Conversions Part 2

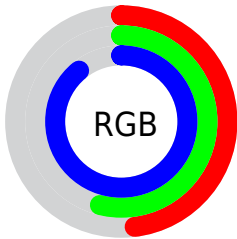
Format	Color
RYB	122, 135, 226
Decimal	8030690
CIELab	59.45, 17.83, -47.04
CIElCh	59, 50.310, 290.758
Yxy	27.5199, 0.2293, 0.2056
Android (android.graphics.Color)	4286220770 (0xFF7A89E2)
YUV	142.6610, 41.0861, -18.1197
Hunter-Lab	52.4594, 12.6541, -48.7734

Details

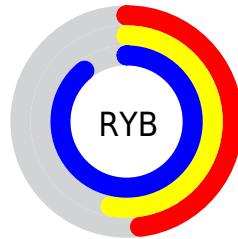
The XYZ color **30.6992, 27.5199, 75.6454** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **58.1726, 64.1644, 27.7329**, and the grayscale version is **25.8268, 27.1718, 29.5900**.

A 20% lighter version of the original color is **55.0539, 53.6306, 102.0578**, and **12.9254, 11.0055, 39.4733** is the 20% darker color. If you saturate the color by 10%, you get **25.3561, 21.0437, 74.6775**, and if you desaturate by 10%, it is **37.2812, 35.3672, 76.8137**.

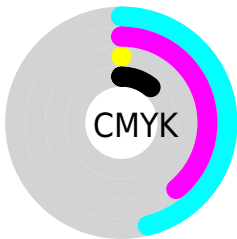
Distribution



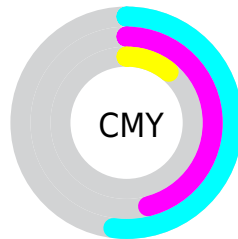
- Red (48%)
- Green (54%)
- Blue (89%)



- Red (48%)
- Yellow (53%)
- Blue (89%)



- Cyan (46%)
- Magenta (39%)
- Yellow (0%)
- Black (11%)



- Cyan (52%)
- Magenta (46%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.6992, 27.5199, 75.6454 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 30.6992, 27.5199, 75.6454 by changing the saturation by 10% instead.

■ 30.6992, 27.5199,
75.6454

■ 30.6992, 27.5199,
75.6454

297.0018,
290.1656, 499.4475

■ 20.5206, 17.9641,
55.6369

■ 60.1452, 55.7170,
128.9810

■ 12.8845, 10.9242,
39.5098

■ 80.1434, 75.1271,
163.1452

■ 7.4255, 6.0159,
26.8457

■ 104.1455, 98.5907,
202.8650

■ 3.7783, 2.8547,
17.2260

132.5168,
126.4923, 248.5590

■ 1.5775, 1.0564,
10.2321

165.6228,
159.2161, 300.6457

■ 0.3777, 0.0000,
5.4455

203.8287,

■ 0.0000, 0.0000,

197.1467, 359.5436

2.4477

247.4999,
240.6684, 425.6714

■ 0.0000, 0.0000,
0.8122

■ 0.0000, 0.0000,
0.0000

■ 30.6992, 27.5199,
75.6454

■ 30.6992, 27.5199,
75.6454

■ 25.3561, 21.0437,
74.6775

■ 37.2812, 35.3672,
76.8137

■ 21.1701, 15.8561,
73.8968

■ 45.1707, 44.6557,
78.1908

■ 18.0544, 11.8700,
73.2917

■ 54.4348, 55.4545,
79.7869

■ 15.9080, 8.9858,
72.8481

■ 65.1352, 67.8269,
81.6110

■ 14.6091, 7.0869,
72.5500

■ 77.3296, 81.8329,
83.6717

■ 14.2602, 6.5562,
72.4660

■ 90.1079, 97.0317,
85.9319

■ 90.7276, 98.2710,
86.1384

Harmonies

Analogous

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



24.2552, 27.5199, 79.0421



30.6992, 27.5199, 75.6454



36.7294, 27.5199, 57.7758

Triad

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



30.6992, 27.5199, 75.6454



34.6119, 27.5199, 10.2992



15.9119, 27.5199, 24.7205

Complementary

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



30.6992, 27.5199, 75.6454



58.1726, 64.1644, 27.7329

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.



17.8370, 27.5199, 12.9139



30.6992, 27.5199, 75.6454



28.1553, 27.5199, 7.0824

Square

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



30.6992, 27.5199, 75.6454



39.2288, 27.5199, 19.2550



22.0862, 27.5199, 7.7952



16.3687, 27.5199, 44.0516

Rectangle

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



30.6992, 27.5199, 75.6454



39.3728, 27.5199, 42.9440



22.0862, 27.5199, 7.7952



16.2885, 27.5199, 19.9055

Sweetspot

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



30.7003, 27.5209, 75.6461



74.1301, 75.8792, 105.3468



46.9062, 63.2043, 70.9627



15.2499, 15.5256, 22.4429



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.



30.7003, 27.5209, 75.6461



33.7479, 28.1690, 98.2662



34.8678, 26.7214, 75.2721



13.1107, 13.5606, 17.3141



8.1872, 3.8440, 41.3588



0.6187, 0.3688, 2.8838

Inverse Universe

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



42.8399, 31.8953, 27.5662



51.7137, 35.2131, 26.9838



51.8457, 66.6944, 28.5547



13.7874, 13.7326, 14.6504



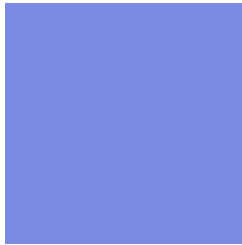
18.0727, 9.2961, 1.7828



1.2785, 0.6547, 0.2596

Previews

White Background



This preview shows how the XYZ color 30.6992, 27.5199, 75.6454 looks on a white background.

Color Contrast Check

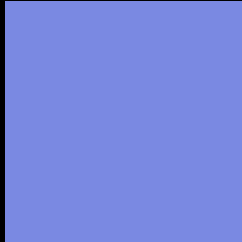
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.6992, 27.5199, 75.6454 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 30.6992, 27.5199, 75.6454

Background



This preview shows how black text looks on a background with the XYZ color 30.6992, 27.5199, 75.6454.



This preview shows how white text looks on a background with the XYZ color 30.6992, 27.5199,

75.6454.

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

30.6992, 27.5199, 75.6454

Protanopia

29.8276, 27.6645, 77.8964

Deuteranopia

28.4501, 27.6778, 75.0770



Tritanopia

23.2261, 27.4001, 38.7149

Trichromacy



Original Color

30.6992, 27.5199, 75.6454

Protanomaly

30.1756, 27.6441, 77.1442

Deuteranomaly

29.1789, 27.6118, 75.0259

Tritanomaly

25.5439, 27.1755, 50.3535

Monochromacy



Original Color

30.6992, 27.5199, 75.6454

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

27.0594, 27.2178, 43.3625

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.6992, 27.5199, 75.6454 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(122, 137, 226)` looks like.

```
.text, #text, p{  
    color:rgb(122, 137, 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(122, 137, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 137, 226) }
```

Border

The CSS property to change the border of an element to XYZ 30.6992, 27.5199, 75.6454 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(122, 137, 226) }
```


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

```
.border{ border-color:rgb(122, 137, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 137, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 137, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 137, 226);  
box-shadow:4px 4px 4px 4px rgb(122, 137,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 30.6992, 27.5199, 75.6454 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 137, 226) }
```

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

```
.background{ background-color: rgb(122,  
137, 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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