

Converting Colors

XYZ(29.5951, 26.6492, 78.3979)

Have a look what the booklet for
XYZ(29.5951, 26.6492, 78.3979)
contains.

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Color

**XYZ(29.6426, 26.7010,
78.4544)**

Conversions

Conversions Part 1

Format	Color
Hex	6F88E6
RGB	111, 136, 230
RGB Percent	44%, 53%, 90%
CMY	0.5647, 0.4667, 0.0980
CMYK	0.52, 0.41, 0.00, 0.10
HSL	227°, 70%, 67%
HSV	227°, 52%, 90%
XYZ	29.6426, 26.7010, 78.4544
YIQ	139.2410, -45.0740, 23.9340

Conversions

Conversions Part 2

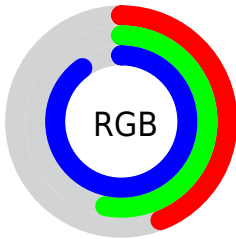
Format	Color
RYB	111, 132, 230
Decimal	7309542
CIELab	58.70, 17.11, -50.51
CIElCh	59, 53.332, 288.710
Yxy	26.7010, 0.2199, 0.1981
Android (android.graphics.Color)	4285499622 (0xFF6F88E6)
YUV	139.2410, 44.7442, -24.7674
Hunter-Lab	51.6730, 11.9701, -53.8481

Details

The XYZ color **29.6426, 26.7010, 78.4544** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **57.3352, 61.6355, 23.9154**, and the grayscale version is **24.4798, 25.7547, 28.0468**.

A 20% lighter version of the original color is **52.6098, 52.0502, 101.8816**, and **12.3148, 10.5254, 41.4269** is the 20% darker color. If you saturate the color by 10%, you get **24.7668, 20.7058, 77.5547**, and if you desaturate by 10%, it is **35.6992, 33.9495, 79.5348**.

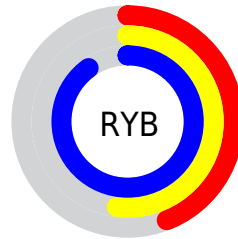
Distribution



Red (44%)

Green (53%)

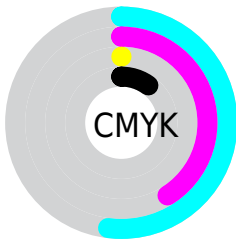
Blue (90%)



Red (44%)

Yellow (52%)

Blue (90%)

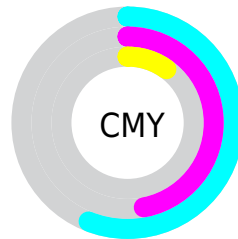


Cyan (52%)

Magenta (41%)

Yellow (0%)

Black (10%)



Cyan (56%)

Magenta (47%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.6426, 26.7010, 78.4544 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 29.6426, 26.7010, 78.4544 by changing the saturation by 10% instead.

■ 29.6426, 26.7010,
78.4544

■ 29.6426, 26.7010,
78.4544

292.1748,
286.2065, 509.2774

■ 19.7142, 17.3488,
57.9287

■ 58.4870, 54.4037,
132.9822

■ 12.2945, 10.4835,
41.3370

■ 78.1338, 73.5230,
167.8213

■ 7.0182, 5.7207,
28.2608

■ 101.7506, 96.6667,
208.2686

■ 3.5199, 2.6760,
18.2816

129.7030,
124.2194, 254.7427

■ 1.4343, 0.9650,
10.9808

162.3563,
156.5652, 307.6621

■ 0.2805, 0.0000,
5.9399

200.0758,

■ 0.0000, 0.0000,

194.0888, 367.4453

2.7404

243.2268,
237.1744, 434.5109

■ 0.0000, 0.0000,
0.9637

■ 0.0000, 0.0000,
0.0000

■ 29.6426, 26.7010,
78.4544

■ 29.6426, 26.7010,
78.4544

■ 24.7668, 20.7058,
77.5547

■ 35.6992, 33.9495,
79.5348

■ 20.9884, 15.8874,
76.8238

■ 43.0058, 42.5161,
80.8033

■ 18.2175, 12.1644,
76.2513

■ 51.6303, 52.4644,
82.2689

■ 16.3474, 9.4431,
75.8246

■ 61.6342, 63.8527,
83.9398

■ 15.3529, 7.8530,
75.5701

■ 73.0755, 76.7362,
85.8235

■ 86.0084, 91.1669,
87.9273

■ 91.2830, 98.4932,
89.0634

Harmonies

Analogous

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



22.9886, 26.7010, 80.8224



29.6426, 26.7010, 78.4544



36.0826, 26.7010, 60.0123

Triad

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



29.6426, 26.7010, 78.4544



34.6432, 26.7010, 9.5030



14.9113, 26.7010, 22.5594

Complementary

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



29.6426, 26.7010, 78.4544



57.3352, 61.6355, 23.9154

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.



17.0331, 26.7010, 11.1589



29.6426, 26.7010, 78.4544



27.9285, 26.7010, 6.0903

Square

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



29.6426, 26.7010, 78.4544



39.2955, 26.7010, 18.9581



21.5443, 26.7010, 6.5270



15.2096, 26.7010, 42.2655

Rectangle

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



29.6426, 26.7010, 78.4544



39.0360, 26.7010, 44.2579



21.5443, 26.7010, 6.5270



15.3481, 26.7010, 17.8316

Sweetspot

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



29.6437, 26.7019, 78.4551



72.1664, 74.1991, 105.1260



45.7785, 64.3440, 67.2710



14.8896, 15.2473, 22.4082



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.



29.6437, 26.7019, 78.4551



30.9665, 25.7507, 97.9460



31.5959, 23.0776, 77.6526



13.8269, 14.3753, 18.1903



8.7633, 4.5887, 42.8070



0.7139, 0.4718, 3.1854

Inverse Universe

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



42.7624, 29.9708, 26.8244



49.5422, 31.4056, 24.6090



54.0058, 69.5159, 25.6119



14.5002, 14.4173, 15.5686



18.8168, 9.6609, 2.6644



1.4240, 0.7273, 0.3733

Previews

White Background



This preview shows how the XYZ color 29.6426, 26.7010, 78.4544 looks on a white background.

Color Contrast Check

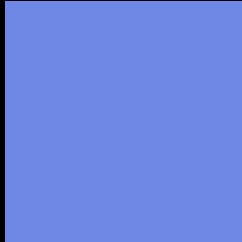
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.6426, 26.7010, 78.4544 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 29.6426, 26.7010, 78.4544

Background



This preview shows how black text looks on a background with the XYZ color 29.6426, 26.7010, 78.4544.



This preview shows how white text looks on a background with the XYZ color 29.6426, 26.7010,

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

29.6426, 26.7010, 78.4544

Protanopia

29.2475, 26.8867, 79.9921

Deuteranopia

27.5982, 26.7331, 77.8342



Tritanopia

21.6370, 26.5809, 38.6406

Trichromacy



Original Color

29.6426, 26.7010, 78.4544

Protanomaly

29.3133, 26.7250, 79.2148

Deuteranomaly

28.1993, 26.6092, 77.7786

Tritanomaly

24.0248, 26.3800, 50.8393

Monochromacy



Original Color

29.6426, 26.7010, 78.4544

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

25.5881, 25.8226, 42.6654

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.6426, 26.7010, 78.4544 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(111, 136, 230)` looks like.

```
.text, #text, p{  
    color:rgb(111, 136, 230)  
}
```

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(111, 136, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 136, 230) }
```

Border

The CSS property to change the border of an element to XYZ 29.6426, 26.7010, 78.4544 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(111, 136, 230) }
```


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

```
.border{ border-color:rgb(111, 136, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 136, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(111, 136, 230); -webkit-box-shadow:4px 4px 4px 4px rgb(111, 136, 230); box-shadow:4px 4px 4px 4px rgb(111, 136, 230) }
```

Background

The CSS property to change the background color of an element to XYZ 29.6426, 26.7010, 78.4544 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 136, 230) }
```

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

```
.background{ background-color: rgb(111,  
136, 230) }
```

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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