

Converting Colors

XYZ(30.0796, 26.9802, 67.2295)

Have a look what the booklet for
XYZ(30.0796, 26.9802, 67.2295)
contains.

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Color

**XYZ(30.0075, 26.9288,
67.2345)**

Conversions

Conversions Part 1

Format	Color
Hex	8287D6
RGB	130, 135, 214
RGB Percent	51%, 53%, 84%
CMY	0.4902, 0.4706, 0.1608
CMYK	0.39, 0.37, 0.00, 0.16
HSL	236°, 51%, 67%
HSV	236°, 39%, 84%
XYZ	30.0075, 26.9288, 67.2345
YIQ	142.5110, -28.3390, 23.5090

Conversions

Conversions Part 2

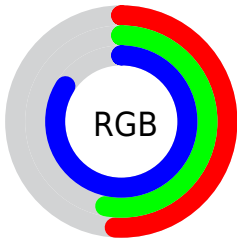
Format	Color
R _Y B	130, 135, 214
Decimal	8554454
CIE Lab	58.91, 17.58, -41.16
CIE LCh	59, 44.755, 293.129
Yxy	26.9288, 0.2417, 0.2169
Android (android.graphics.Color)	4286744534 (0xFF8287D6)
YUV	142.5110, 35.2441, -10.9721
Hunter-Lab	51.8930, 12.4063, -40.4933

Details

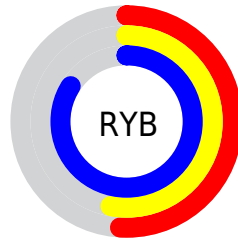
The XYZ color **30.0075, 26.9288, 67.2345** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **54.5623, 61.5101, 30.1173**, and the grayscale version is **25.7870, 27.1300, 29.5445**.

A 20% lighter version of the original color is **56.2829, 53.6255, 101.9921**, and **12.5663, 10.6953, 34.2030** is the 20% darker color. If you saturate the color by 10%, you get **24.5123, 20.3143, 66.2479**, and if you desaturate by 10%, it is **36.7181, 34.9587, 68.4313**.

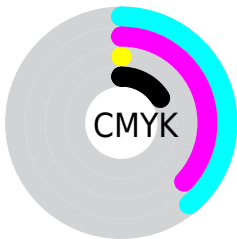
Distribution



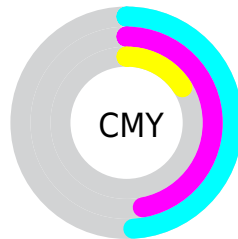
- Red (51%)
- Green (53%)
- Blue (84%)



- Red (51%)
- Yellow (53%)
- Blue (84%)



- Cyan (39%)
- Magenta (37%)
- Yellow (0%)
- Black (16%)



- Cyan (49%)
- Magenta (47%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.0075, 26.9288, 67.2345 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 30.0075, 26.9288, 67.2345 by changing the saturation by 10% instead.

■ 30.0075, 26.9288,
67.2345

■ 30.0075, 26.9288,
67.2345

293.8486,
287.3122, 469.3032

■ 19.9924, 17.5198,
48.8124

■ 59.0606, 54.7696,
116.9002

■ 12.4977, 10.6058,
34.1062

■ 78.8293, 73.9701,
148.9809

■ 7.1582, 5.8024,
22.6971

■ 102.5798, 97.2033,
186.4516

■ 3.6085, 2.7253,
14.1668

130.6777,
124.8535, 229.7307

■ 1.4831, 0.9901,
8.0967

163.4881,
157.3051, 279.2369

■ 0.3143, 0.0000,
4.0682

201.3765,

■ 0.0000, 0.0000,

194.9424, 335.3887

1.6629

244.7082,
238.1500, 398.6046

■ 0.0000, 0.0000,
0.3351

■ 0.0000, 0.0000,
0.0000

■ 30.0075, 26.9288,
67.2345

■ 30.0075, 26.9288,
67.2345

■ 24.5123, 20.3143,
66.2479

■ 36.7181, 34.9587,
68.4313

■ 20.1569, 15.0304,
65.4576

■ 44.7077, 44.4765,
69.8473

■ 16.8618, 10.9876,
64.8509

■ 54.0391, 55.5531,
71.4935

■ 14.5362, 8.0843,
64.4131

■ 64.7700, 68.2542,
73.3794

■ 13.0738, 6.2026,
64.1269

■ 76.9547, 82.6414,
75.5142

■ 12.3181, 5.1861,
63.9706

■ 89.1377, 97.6351,
77.7662

■ 12.2782, 5.1362,
63.9630

Harmonies

Analogous

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



24.3427, 26.9288, 71.1893



30.0075, 26.9288, 67.2345



35.0886, 26.9288, 51.6767

Triad

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



30.0075, 26.9288, 67.2345



32.5270, 26.9288, 11.0712



16.4156, 26.9288, 25.8233

Complementary

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



30.0075, 26.9288, 67.2345



54.5623, 61.5101, 30.1173

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.



17.9897, 26.9288, 14.5706



30.0075, 26.9288, 67.2345



26.8896, 26.9288, 8.2757

Square

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



30.0075, 26.9288, 67.2345



36.6835, 26.9288, 18.9034



21.6378, 26.9288, 9.2733



17.0018, 26.9288, 42.9979

Rectangle

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



30.0075, 26.9288, 67.2345



37.1910, 26.9288, 39.0867



21.6378, 26.9288, 9.2733



16.7011, 26.9288, 21.3344

Sweetspot

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



30.0085, 26.9298, 67.2351



76.1711, 77.6442, 105.5799



44.6878, 57.4134, 68.6601



15.9035, 16.1441, 22.5279



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.



30.0085, 26.9298, 67.2351



37.7808, 31.8134, 98.7571



35.9312, 28.9719, 67.3172



11.8013, 12.1261, 15.6561



7.4467, 3.1553, 38.6697



0.4705, 0.2330, 2.3395

Inverse Universe

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



40.0882, 32.0119, 26.9885



54.8286, 40.5913, 30.6474



46.3452, 59.1233, 30.0897



12.4529, 12.4327, 13.0593



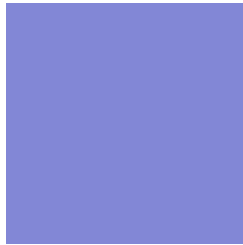
16.8176, 8.6634, 1.0778



1.0251, 0.5268, 0.1217

Previews

White Background



This preview shows how the XYZ color 30.0075, 26.9288, 67.2345 looks on a white background.

Color Contrast Check

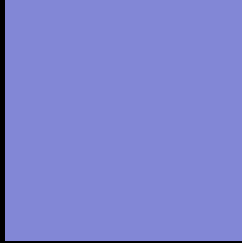
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.0075, 26.9288, 67.2345 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 30.0075, 26.9288, 67.2345

Background



This preview shows how black text looks on a background with the XYZ color 30.0075, 26.9288, 67.2345.



This preview shows how white text looks on a background with the XYZ color 30.0075, 26.9288,

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

30.0075, 26.9288, 67.2345

Protanopia

28.5671, 26.9857, 69.3488

Deuteranopia

27.8418, 27.1051, 66.7152



Tritanopia

23.8077, 27.0491, 36.3139

Trichromacy



Original Color

30.0075, 26.9288, 67.2345

Protanomaly

29.0909, 27.0568, 68.6550

Deuteranomaly

28.5790, 27.0512, 66.6659

Tritanomaly

25.7435, 26.9242, 45.9595

Monochromacy



Original Color

30.0075, 26.9288, 67.2345

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

27.0207, 27.0240, 41.3281

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.0075, 26.9288, 67.2345 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(130, 135, 214)` looks like.

```
.text, #text, p{  
    color:rgb(130, 135, 214)  
}
```

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(130, 135, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 135, 214) }
```

Border

The CSS property to change the border of an element to XYZ 30.0075, 26.9288, 67.2345 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(130, 135, 214) }
```


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

```
.border{ border-color:rgb(130, 135, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 135, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 135, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 135, 214);  
box-shadow:4px 4px 4px 4px rgb(130, 135,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 30.0075, 26.9288, 67.2345 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 135, 214) }
```

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

```
.background{ background-color: rgb(130,  
135, 214) }
```

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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