

Converting Colors

XYZ(42.0197, 27.2811, 95.5272)

Have a look what the booklet for
XYZ(42.0197, 27.2811, 95.5272)
contains.

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Color

**XYZ(42.0161, 27.2814,
95.1468)**

Conversions

Conversions Part 1

Format	Color
Hex	B66AFC
RGB	182, 106, 252
RGB Percent	71%, 42%, 99%
CMY	0.2863, 0.5843, 0.0118
CMYK	0.28, 0.58, 0.00, 0.01
HSL	271°, 96%, 70%
HSV	271°, 58%, 99%
XYZ	42.0161, 27.2814, 95.1468
YIQ	145.3680, -1.5700, 61.5180

Conversions

Conversions Part 2

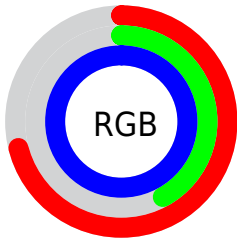
Format	Color
RYB	182, 106, 252
Decimal	11954940
CIELab	59.23, 56.60, -61.50
CIELCh	59, 83.579, 312.628
Yxy	27.2814, 0.2555, 0.1659
Android (android.graphics.Color)	4290145020 (0xFFB66AFC)
YUV	145.3680, 52.5696, 32.1263
Hunter-Lab	52.2316, 52.1835, -71.4425

Details

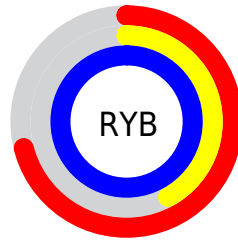
The XYZ color **42.0161, 27.2814, 95.1468** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **55.3168, 79.8920, 26.1416**, and the grayscale version is **26.8575, 28.2562, 30.7710**.

A 20% lighter version of the original color is **66.8964, 51.0624, 100.9379**, and **19.5809, 10.8463, 52.6913** is the 20% darker color. If you saturate the color by 10%, you get **37.0591, 21.4212, 94.2774**, and if you desaturate by 10%, it is **47.9843, 34.7961, 96.2832**.

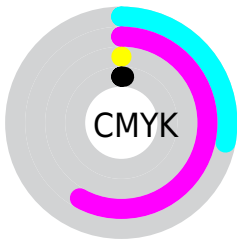
Distribution



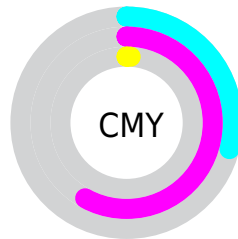
- Red (71%)
- Green (42%)
- Blue (99%)



- Red (71%)
- Yellow (42%)
- Blue (99%)



- Cyan (28%)
- Magenta (58%)
- Yellow (0%)
- Black (1%)



- Cyan (29%)
- Magenta (58%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.0161, 27.2814, 95.1468 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 42.0161, 27.2814, 95.1468 by changing the saturation by 10% instead.

42.0161, 27.2814,
95.1468

42.0161, 27.2814,
95.1468

345.5402,
289.0170, 565.6312

29.3051, 17.7847,
71.6596

77.4890, 55.3351,
156.4647

19.4572, 10.7955,
52.3955

100.9816, 74.6609,
195.1325

12.1070, 5.9295,
36.9360

128.7987, 98.0317,
239.6976

6.8893, 2.8023,
24.8626

161.3058,
125.8322, 290.5785

3.4387, 1.0294,
15.7566

198.8681,
158.4465, 348.1938

1.3898, 0.0000,
9.1996

241.8510,

0.2489, 0.0000,

196.2592, 412.9620

4.7730

290.6199,
239.6546, 485.3016

■ 0.0000, 0.0000,
2.0583

■ 0.0000, 0.0000,
0.5908

■ 42.0161, 27.2814,
95.1468

■ 42.0161, 27.2814,
95.1468

■ 37.0591, 21.4212,
94.2774

■ 47.9843, 34.7961,
96.2832

■ 33.0347, 17.0711,
93.6499

■ 55.0270, 44.0864,
97.7053

■ 29.8563, 14.0661,
93.2374

■ 63.2055, 55.2657,
99.4320

■ 27.4071, 12.1829,
93.0030

■ 72.5754, 68.4364,
101.4804

■ 26.9589, 11.8681,
92.9658

■ 83.1881, 83.6937,
103.8660

■ 94.3852, 99.7126,
106.3678

■ 94.5708, 99.8083,
106.3765

Harmonies

Analogous

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



30.5648, 27.2814, 128.3489



42.0161, 27.2814, 95.1468



50.1576, 27.2814, 50.3591

Triad

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



42.0161, 27.2814, 95.1468



32.3890, 27.2814, 1.6959



10.8737, 27.2814, 44.1089

Complementary

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



42.0161, 27.2814, 95.1468



55.3168, 79.8920, 26.1416

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.



11.1162, 27.2814, 15.6472



42.0161, 27.2814, 95.1468



21.7894, 27.2814, 1.5199

Square

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



42.0161, 27.2814, 95.1468



43.6561, 27.2814, 5.3188



14.5842, 27.2814, 4.3209



13.7990, 27.2814, 88.0283

Rectangle

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



42.0161, 27.2814, 95.1468



51.5575, 27.2814, 27.1494



14.5842, 27.2814, 4.3209



10.6159, 27.2814, 32.4158

Sweetspot

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



42.0173, 27.2824, 95.1474



75.5088, 71.6612, 104.4600



39.1520, 41.3667, 98.0170



15.7212, 14.7116, 22.2610



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.



42.0173, 27.2824, 95.1474



37.1214, 20.9396, 96.6930



62.4869, 37.8792, 94.1052



17.1452, 17.0875, 21.7799



14.2146, 6.2706, 48.4347



1.4390, 0.6439, 4.4916

Inverse Universe

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



53.1359, 34.1388, 44.8633



50.3878, 29.1095, 37.1828



43.4848, 73.7775, 26.2579



17.5912, 17.3638, 19.7031



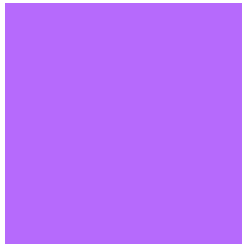
22.7775, 11.5267, 10.8026



2.1628, 1.0889, 1.2809

Previews

White Background



This preview shows how the XYZ color 42.0161, 27.2814, 95.1468 looks on a white background.

Color Contrast Check

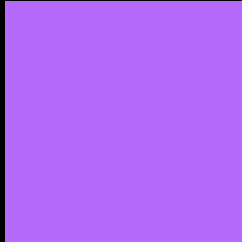
Large Text (above 18pt) WCAG AA ✓ Pass

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 42.0161, 27.2814, 95.1468 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

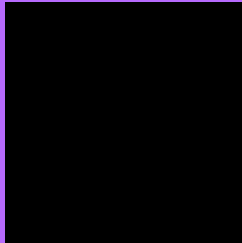
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 42.0161, 27.2814, 95.1468

Background



This preview shows how black text looks on a background with the XYZ color 42.0161, 27.2814, 95.1468.



This preview shows how white text looks on a background with the XYZ color 42.0161, 27.2814,

95.1468.

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

42.0161, 27.2814, 95.1468

Protanopia

31.1204, 27.6637, 98.3071

Deuteranopia

28.5492, 27.6364, 89.4176



Tritanopia

28.8791, 27.1588, 30.5081

Trichromacy



Original Color

42.0161, 27.2814, 95.1468

Protanomaly

33.3639, 26.3994, 97.1031

Deuteranomaly

30.9555, 25.8688, 91.3573

Tritanomaly

32.4369, 26.4220, 48.7378

Monochromacy



Original Color

42.0161, 27.2814, 95.1468

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

30.8686, 26.9624, 48.9247

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.0161, 27.2814, 95.1468 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(182, 106, 252)` looks like.

```
.text, #text, p{  
    color:rgb(182, 106, 252)  
}
```

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(182, 106, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 106, 252) }
```

Border

The CSS property to change the border of an element to XYZ 42.0161, 27.2814, 95.1468 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(182, 106, 252) }
```


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

```
.border{ border-color:rgb(182, 106, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 106, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 106, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 106, 252);  
box-shadow:4px 4px 4px 4px rgb(182, 106,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 42.0161, 27.2814, 95.1468 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 106, 252) }
```

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

```
.background{ background-color: rgb(182,  
106, 252) }
```

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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