

Converting Colors

XYZ(30.2463, 17.3838, 88.3468)

Have a look what the booklet for
XYZ(30.2463, 17.3838, 88.3468)
contains.

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Color

**XYZ(30.1528, 17.3755,
88.1508)**

Conversions

Conversions Part 1

Format	Color
Hex	8E4BF5
RGB	142, 75, 245
RGB Percent	56%, 29%, 96%
CMY	0.4431, 0.7059, 0.0392
CMYK	0.42, 0.69, 0.00, 0.04
HSL	264°, 89%, 63%
HSV	264°, 69%, 96%
XYZ	30.1528, 17.3755, 88.1508
YIQ	114.4130, -14.6380, 67.0740

Conversions

Conversions Part 2

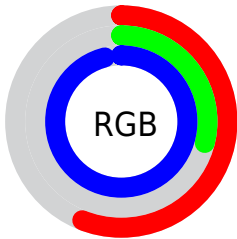
Format	Color
RYB	142, 75, 245
Decimal	9325557
CIELab	48.73, 62.00, -74.80
CIELCh	49, 97.156, 309.656
Yxy	17.3755, 0.2222, 0.1281
Android (android.graphics.Color)	4287515637 (0xFF8E4BF5)
YUV	114.4130, 64.3794, 24.1938
Hunter-Lab	41.6839, 56.1742, -96.2044

Details

The XYZ color **30.1528, 17.3755, 88.1508** is a light color, and the websafe version is hex **9966FF**. The color can be described as light washed purple. A complement of this color would be **52.2820, 75.2778, 18.4313**, and the grayscale version is **15.9347, 16.7645, 18.2565**.

A 20% lighter version of the original color is **50.1263, 35.2149, 98.7630**, and **12.5634, 5.7381, 47.4591** is the 20% darker color. If you saturate the color by 10%, you get **26.4200, 13.4412, 87.5885**, and if you desaturate by 10%, it is **34.8659, 22.7643, 88.9429**.

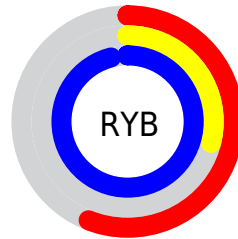
Distribution



Red (56%)

Green (29%)

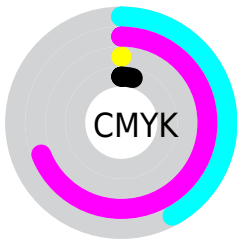
Blue (96%)



Red (56%)

Yellow (29%)

Blue (96%)

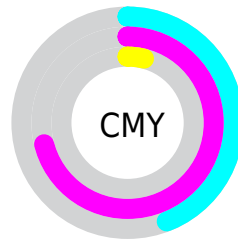


Cyan (42%)

Magenta (69%)

Yellow (0%)

Black (4%)



Cyan (44%)

Magenta (71%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.1528, 17.3755, 88.1508 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 30.1528, 17.3755, 88.1508 by changing the saturation by 10% instead.

30.1528, 17.3755,
88.1508

30.1528, 17.3755,
88.1508

294.5131,
237.3271, 542.4110

20.1032, 10.5026,
65.8829

59.2887, 38.9703,
146.6801

12.5788, 5.7334,
47.7215

79.1058, 54.4609,
183.7785

7.2142, 2.6837,
33.2480

102.9094, 73.5929,
226.6576

3.6439, 0.9689,
22.0438

131.0649, 96.7506,
275.7358

1.5027, 0.0000,
13.6905

163.9377,
124.3185, 331.4318

0.3277, 0.0000,
7.7694

201.8931,

0.0000, 0.0000,

156.6810, 394.1639

3.8621

245.2964,
194.2224, 464.3508

■ 0.0000, 0.0000,
1.5500

■ 0.0000, 0.0000,
0.2548

■ 30.1528, 17.3755,
88.1508

■ 30.1528, 17.3755,
88.1508

■ 26.4200, 13.4412,
87.5885

■ 34.8659, 22.7643,
88.9429

■ 23.5734, 10.7970,
87.2282

■ 40.6349, 29.7439,
89.9861

■ 21.4782, 9.1927,
87.0290

■ 47.5302, 38.4362,
91.3004

■ 21.3650, 9.1101,
87.0190

■ 55.6147, 48.9502,
92.9037

64.9464, 61.3859,
94.8122

75.5794, 75.8357,
97.0409

87.5643, 92.3860,
99.6038

93.4815, 99.3726,
100.6404

Harmonies

Analogous

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



19.5809, 17.3755, 121.3908



30.1528, 17.3755, 88.1508



38.5474, 17.3755, 41.8203

Triad

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



30.1528, 17.3755, 88.1508



23.2683, 17.3755, 0.0000



4.6774, 17.3755, 28.4752

Complementary

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



30.1528, 17.3755, 88.1508



52.2820, 75.2778, 18.4313

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.



5.0454, 17.3755, 6.4156



30.1528, 17.3755, 88.1508



13.7869, 17.3755, 0.0000

Square

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



30.1528, 17.3755, 88.1508



33.6766, 17.3755, 1.6609



7.7703, 17.3755, 0.6444



6.4751, 17.3755, 71.2126

Rectangle

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



30.1528, 17.3755, 88.1508



40.4717, 17.3755, 19.2175



7.7703, 17.3755, 0.6444



4.5729, 17.3755, 18.6235

Sweetspot

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



30.1537, 17.3760, 88.1513



69.3365, 64.8210, 103.4650



35.6710, 40.6640, 92.3555



14.2194, 13.0428, 22.0180



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.



30.1537, 17.3760, 88.1513



27.6447, 13.4677, 95.7502



50.1011, 27.6593, 89.0848



16.1991, 16.2453, 20.8244



11.6546, 4.9825, 46.8855



1.1364, 0.4957, 4.1260

Inverse Universe

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



48.2081, 27.6591, 44.9158



49.5228, 25.9758, 41.2226



38.6247, 68.2372, 17.7921



16.9209, 16.6512, 19.3298



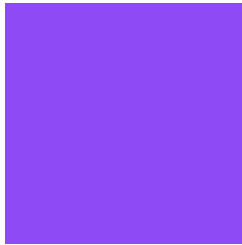
23.2545, 11.6452, 16.5804



2.0943, 1.0437, 1.7230

Previews

White Background



This preview shows how the XYZ color 30.1528, 17.3755, 88.1508 looks on a white background.

Color Contrast Check

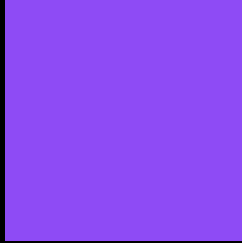
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 30.1528, 17.3755, 88.1508 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

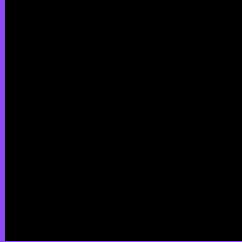
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 30.1528, 17.3755, 88.1508

Background



This preview shows how black text looks on a background with the XYZ color 30.1528, 17.3755, 88.1508.



This preview shows how white text looks on a background with the XYZ color 30.1528, 17.3755,

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

30.1528, 17.3755, 88.1508

Protanopia

20.8248, 17.4250, 81.6227

Deuteranopia

17.3775, 17.3165, 59.5533



Tritanopia

16.7083, 17.2941, 21.5263

Trichromacy



Original Color

30.1528, 17.3755, 88.1508



Protanomaly

21.3638, 15.6974, 83.5653



Deuteranomaly

18.9537, 15.3473, 68.9812



Tritanomaly

19.9372, 16.2266, 39.1270

Monochromacy



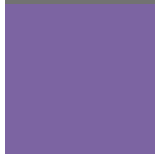
Original Color

30.1528, 17.3755, 88.1508



Achromatopsia

15.9940, 16.8269, 18.3245



Achromatomaly

19.3909, 16.0081, 36.2503

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.1528, 17.3755, 88.1508 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(142, 75, 245)` looks like.

```
.text, #text, p{  
    color:rgb(142, 75, 245)  
}
```

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(142, 75, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 75, 245) }
```

Border

The CSS property to change the border of an element to XYZ 30.1528, 17.3755, 88.1508 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(142, 75, 245) }
```


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

```
.border{ border-color:rgb(142, 75, 245) }
```

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

Here you see how a box with a 4 pixel rgb(142, 75, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 75, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 75, 245);  
box-shadow:4px 4px 4px 4px rgb(142, 75,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 30.1528, 17.3755, 88.1508 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 75, 245) }
```

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

```
.background{ background-color: rgb(142, 75,  
245) }
```

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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