

Converting Colors

XYZ(30.0398, 19.8608, 88.3546)

Have a look what the booklet for
XYZ(30.0398, 19.8608, 88.3546)
contains.

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Color

**XYZ(30.0244, 19.7836,
88.6224)**

Conversions

Conversions Part 1

Format	Color
Hex	8360F5
RGB	131, 96, 245
RGB Percent	51%, 38%, 96%
CMY	0.4863, 0.6235, 0.0392
CMYK	0.47, 0.61, 0.00, 0.04
HSL	254°, 88%, 67%
HSV	254°, 61%, 96%
XYZ	30.0244, 19.7836, 88.6224
YIQ	123.4510, -26.9690, 53.7590

Conversions

Conversions Part 2

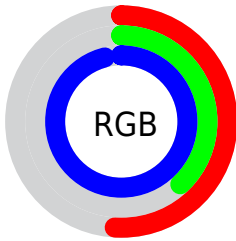
Format	Color
RYB	131, 96, 245
Decimal	8610037
CIELab	51.59, 49.18, -70.20
CIELCh	52, 85.711, 305.016
Yxy	19.7836, 0.2169, 0.1429
Android (android.graphics.Color)	4286800117 (0xFF8360F5)
YUV	123.4510, 59.9237, 6.6205
Hunter-Lab	44.4788, 42.6546, -86.9982

Details

The XYZ color **30.0244, 19.7836, 88.6224** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **61.3412, 79.8508, 23.2462**, and the grayscale version is **18.7909, 19.7695, 21.5290**.

A 20% lighter version of the original color is **50.1258, 39.4762, 99.5855**, and **12.5479, 6.9291, 48.2531** is the 20% darker color. If you saturate the color by 10%, you get **25.4821, 14.6249, 87.8665**, and if you desaturate by 10%, it is **35.7900, 26.6066, 89.6359**.

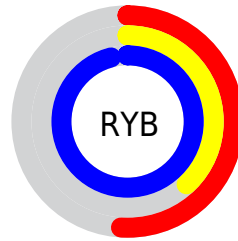
Distribution



Red (51%)

Green (38%)

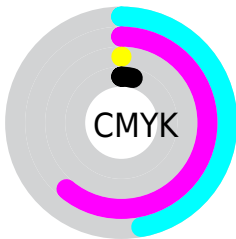
Blue (96%)



Red (51%)

Yellow (38%)

Blue (96%)

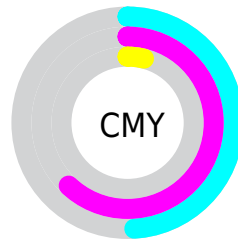


Cyan (47%)

Magenta (61%)

Yellow (0%)

Black (4%)



Cyan (49%)

Magenta (62%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.0244, 19.7836, 88.6224 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 30.0244, 19.7836, 88.6224 by changing the saturation by 10% instead.

■ 30.0244, 19.7836,
88.6224

■ 30.0244, 19.7836,
88.6224

293.9260,
250.7412, 543.9933

■ 20.0053, 12.2378,
66.2714

■ 59.0871, 43.0541,
147.3421

■ 12.5072, 6.9059,
48.0349

■ 78.8614, 59.5476,
184.5479

■ 7.1647, 3.4033,
33.4943

■ 102.6182, 79.7925,
227.5423

■ 3.6126, 1.3457,
22.2312

■ 130.7227,
104.1731, 276.7439

■ 1.4854, 0.1762,
13.8269

163.5404,
133.0739, 332.5713

■ 0.3159, 0.0000,
7.8630

201.4366,

■ 0.0000, 0.0000,

166.8793, 395.4430

3.9209

244.7767,
205.9736, 465.7775

■ 0.0000, 0.0000,
1.5821

■ 0.0000, 0.0000,
0.2780

■ 30.0244, 19.7836,
88.6224

■ 30.0244, 19.7836,
88.6224

■ 25.4821, 14.6249,
87.8665

■ 35.7900, 26.6066,
89.6359

■ 22.0648, 10.9799,
87.3431

■ 42.8609, 35.2228,
90.9264

■ 19.6620, 8.6725,
87.0243

■ 51.3147, 45.7502,
92.5128

■ 18.2009, 7.4790,
86.8710

■ 61.2222, 58.2959,
94.4122

■ 72.6492, 72.9594,
96.6402

■ 85.6573, 89.8331,
99.2116

■ 93.4815, 99.3726,
100.6405

Harmonies

Analogous

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



20.2923, 19.7836, 112.0499



30.0244, 19.7836, 88.6224



38.2145, 19.7836, 48.4977

Triad

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



30.0244, 19.7836, 88.6224



26.7203, 19.7836, 0.7872



6.6432, 19.7836, 25.9694

Complementary

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



30.0244, 19.7836, 88.6224



61.3412, 79.8508, 23.2462

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.



7.4157, 19.7836, 7.0566



30.0244, 19.7836, 88.6224



17.3897, 19.7836, 0.2494

Square

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



30.0244, 19.7836, 88.6224



35.9335, 19.7836, 4.1591



10.7981, 19.7836, 1.3544



8.2237, 19.7836, 61.9419

Rectangle

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



30.0244, 19.7836, 88.6224



40.6557, 19.7836, 25.9399



10.7981, 19.7836, 1.3544



6.6428, 19.7836, 17.6698

Sweetspot

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



30.0254, 19.7842, 88.6229



70.3549, 68.0675, 104.0380



44.4099, 55.2883, 94.7177



14.3166, 13.6212, 22.1245



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.



30.0254, 19.7842, 88.6229



26.9253, 14.9409, 96.0725



45.9151, 27.9757, 89.3665



15.9455, 16.1146, 20.8126



9.9061, 4.0811, 46.8036



0.9581, 0.4037, 4.1177

Inverse Universe

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



53.4717, 32.4314, 64.4118



55.1504, 30.2144, 64.7294



44.8742, 71.3617, 22.4756



17.0374, 16.6978, 19.9434



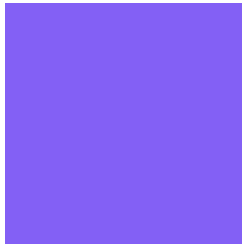
25.2001, 12.4235, 26.8257



2.2541, 1.1076, 2.5646

Previews

White Background



This preview shows how the XYZ color 30.0244, 19.7836, 88.6224 looks on a white background.

Color Contrast Check

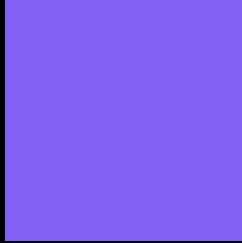
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.0244, 19.7836, 88.6224 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

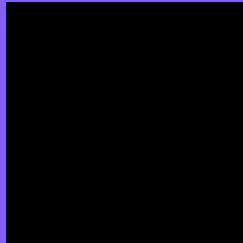
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 30.0244, 19.7836, 88.6224

Background



This preview shows how black text looks on a background with the XYZ color 30.0244, 19.7836, 88.6224.



This preview shows how white text looks on a background with the XYZ color 30.0244, 19.7836,

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

30.0244, 19.7836, 88.6224

Protanopia

23.8910, 19.9219, 93.8529

Deuteranopia

19.9885, 19.7292, 69.0843



Tritanopia

17.5842, 19.8097, 26.5638

Trichromacy



Original Color

30.0244, 19.7836, 88.6224

Protanomaly

23.8937, 18.6198, 91.9572

Deuteranomaly

21.2398, 18.2644, 75.8047

Tritanomaly

20.8919, 19.1361, 43.6668

Monochromacy



Original Color

30.0244, 19.7836, 88.6224

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

21.4844, 19.0359, 39.1012

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.0244, 19.7836, 88.6224 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(131, 96, 245)` looks like.

```
.text, #text, p{  
    color:rgb(131, 96, 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(131, 96, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 96, 245) }
```

Border

The CSS property to change the border of an element to XYZ 30.0244, 19.7836, 88.6224 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(131, 96, 245) }
```


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

```
.border{ border-color:rgb(131, 96, 245) }
```

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

Here you see how a box with a 4 pixel rgb(131, 96, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 96, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 96, 245);  
box-shadow:4px 4px 4px 4px rgb(131, 96,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 30.0244, 19.7836, 88.6224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 96, 245) }
```

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

```
.background{ background-color: rgb(131, 96,  
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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