

Converting Colors

XYZ(30.2792, 18.5526, 82.4294)

Have a look what the booklet for
XYZ(30.2792, 18.5526, 82.4294)
contains.

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Color

**XYZ(30.1334, 18.4748,
82.0986)**

Conversions

Conversions Part 1

Format	Color
Hex	9154ED
RGB	145, 84, 237
RGB Percent	57%, 33%, 93%
CMY	0.4314, 0.6706, 0.0706
CMYK	0.39, 0.65, 0.00, 0.07
HSL	264°, 81%, 63%
HSV	264°, 65%, 93%
XYZ	30.1334, 18.4748, 82.0986
YIQ	119.6810, -12.7570, 60.5150

Conversions

Conversions Part 2

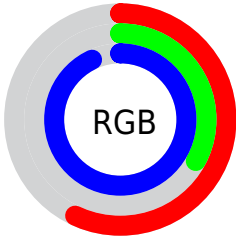
Format	Color
R_{YB}	145, 84, 237
Decimal	9524461
CIE _{Lab}	50.07, 56.16, -68.13
CIE _{LCh}	50, 88.293, 309.503
Yxy	18.4748, 0.2305, 0.1413
Android (android.graphics.Color)	4287714541 (0xFF9154ED)
YUV	119.6810, 57.8383, 22.2048
Hunter-Lab	42.9823, 49.9210, -83.1595

Details

The XYZ color **30.1334, 18.4748, 82.0986** is a light color, and the websafe version is hex **9966FF**. The color can be described as light muted purple. A complement of this color would be **49.7888, 70.4387, 19.3597**, and the grayscale version is **17.5761, 18.4915, 20.1372**.

A 20% lighter version of the original color is **51.8975, 37.9487, 99.1973**, and **12.5660, 6.2537, 43.7248** is the 20% darker color. If you saturate the color by 10%, you get **26.2397, 14.1834, 81.4759**, and if you desaturate by 10%, it is **34.9658, 24.1737, 82.9443**.

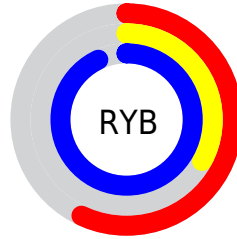
Distribution



Red (57%)

Green (33%)

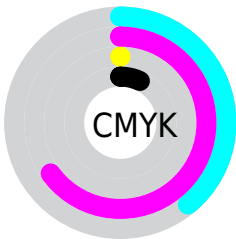
Blue (93%)



Red (57%)

Yellow (33%)

Blue (93%)

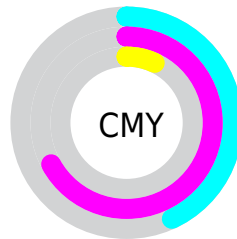


Cyan (39%)

Magenta (65%)

Yellow (0%)

Black (7%)



Cyan (43%)

Magenta (67%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.1334, 18.4748, 82.0986 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 30.1334, 18.4748, 82.0986 by changing the saturation by 10% instead.

■ 30.1334, 18.4748,
82.0986

■ 30.1334, 18.4748,
82.0986

294.4244,
243.5338, 521.8695

■ 20.0884, 11.2914,
60.9105

■ 59.2583, 40.8447,
138.1502

■ 12.5680, 6.2632,
43.7229

■ 79.0689, 56.8000,
173.8508

■ 7.2067, 3.0058,
30.1171

■ 102.8654, 76.4481,
215.2260

■ 3.6392, 1.1347,
19.6747

■ 131.0132,
100.1734, 262.6943

■ 1.5001, 0.0074,
11.9771

■ 163.8777,
128.3602, 316.6742

■ 0.3259, 0.0000,
6.6057

201.8241,

■ 0.0000, 0.0000,

161.3929, 377.5844

3.1421

245.2179,
199.6560, 445.8433

■ 0.0000, 0.0000,
1.1676

■ 0.0000, 0.0000,
0.0000

■ 30.1334, 18.4748,
82.0986

■ 30.1334, 18.4748,
82.0986

■ 26.2397, 14.1834,
81.4759

■ 34.9658, 24.1737,
82.9443

■ 23.2048, 11.1605,
81.0524

■ 40.8019, 31.3970,
84.0309

■ 20.9369, 9.2393,
80.8011

■ 47.7033, 40.2513,
85.3763

■ 19.9531, 8.5204,
80.7142

■ 55.7253, 50.8326,
86.9958

64.9194, 63.2294,
88.9041

75.3336, 77.5240,
91.1143

87.0131, 93.7937,
93.6391

92.2861, 98.8945,
94.3457

Harmonies

Analogous

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



20.3967, 18.4748, 110.5084



30.1334, 18.4748, 82.0986



37.7321, 18.4748, 41.3433

Triad

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



30.1334, 18.4748, 82.0986



23.9224, 18.4748, 0.2530



5.8746, 18.4748, 28.8690

Complementary

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



30.1334, 18.4748, 82.0986



49.7888, 70.4387, 19.3597

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.



6.2737, 18.4748, 7.7799



30.1334, 18.4748, 82.0986



14.9989, 18.4748, 0.0000

Square

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



30.1334, 18.4748, 82.0986



33.4177, 18.4748, 2.6205



9.0844, 18.4748, 1.3060



7.7317, 18.4748, 66.9544

Rectangle

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



30.1334, 18.4748, 82.0986



39.4793, 18.4748, 20.5246



9.0844, 18.4748, 1.3060



5.7676, 18.4748, 19.7127

Sweetspot

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



30.1343, 18.4754, 82.0991



71.5764, 67.7752, 103.9172



34.9327, 39.9800, 85.9970



14.6614, 13.6200, 22.1061



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.



30.1343, 18.4754, 82.0991



29.9022, 15.6251, 96.0477



47.7154, 27.5388, 82.9218



14.7996, 14.8419, 19.0070



11.0320, 4.7231, 44.0732



0.9721, 0.4254, 3.4658

Inverse Universe

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



45.9320, 27.4800, 43.9567



50.6933, 27.5150, 44.0844



37.3473, 64.0249, 18.7774



15.4458, 15.2062, 17.6328



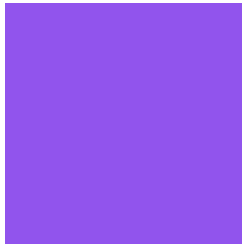
21.8208, 10.9310, 15.3893



1.7607, 0.8772, 1.4573

Previews

White Background



This preview shows how the XYZ color 30.1334, 18.4748, 82.0986 looks on a white background.

Color Contrast Check

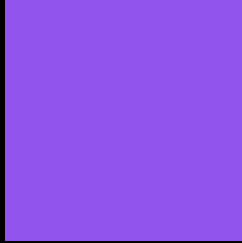
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.1334, 18.4748, 82.0986 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 30.1334, 18.4748, 82.0986

Background



This preview shows how black text looks on a background with the XYZ color 30.1334, 18.4748, 82.0986.



This preview shows how white text looks on a background with the XYZ color 30.1334, 18.4748,

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

30.1334, 18.4748, 82.0986

Protanopia

22.3084, 18.7325, 87.2340

Deuteranopia

18.8432, 18.6725, 64.8984



Tritanopia

18.0772, 18.3198, 22.6620

Trichromacy



Original Color

30.1334, 18.4748, 82.0986



Protanomaly

22.2957, 17.0084, 85.3269



Deuteranomaly

19.8819, 16.7025, 70.5826



Tritanomaly

21.2325, 17.6390, 38.8448

Monochromacy



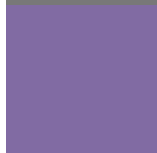
Original Color

30.1334, 18.4748, 82.0986



Achromatopsia

17.8524, 18.7821, 20.4537



Achromatomaly

20.9218, 17.8269, 36.9886

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.1334, 18.4748, 82.0986 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(145, 84, 237)` looks like.

```
.text, #text, p{  
    color:rgb(145, 84, 237)  
}
```

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(145, 84, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 84, 237) }
```

Border

The CSS property to change the border of an element to XYZ 30.1334, 18.4748, 82.0986 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(145, 84, 237) }
```


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

```
.border{ border-color:rgb(145, 84, 237) }
```

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

Here you see how a box with a 4 pixel rgb(145, 84, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 84, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 84, 237);  
box-shadow:4px 4px 4px 4px rgb(145, 84,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 30.1334, 18.4748, 82.0986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 84, 237) }
```

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

```
.background{ background-color: rgb(145, 84,  
237) }
```

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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