

Converting Colors

XYZ(30.2975, 17.1201, 96.3154)

Have a look what the booklet for
XYZ(30.2975, 17.1201, 96.3154)
contains.

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Color

**XYZ(30.3303, 17.1859,
96.3264)**

Conversions

Conversions Part 1

Format	Color
Hex	864AFF
RGB	134, 74, 255
RGB Percent	53%, 29%, 100%
CMY	0.4745, 0.7098, 0.0000
CMYK	0.47, 0.71, 0.00, 0.00
HSL	260°, 100%, 65%
HSV	260°, 71%, 100%
XYZ	30.3303, 17.1859, 96.3264
YIQ	112.5740, -22.3410, 69.0110

Conversions

Conversions Part 2

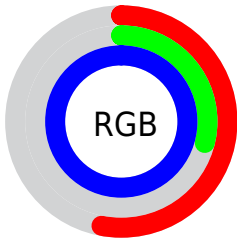
Format	Color
R_{YB}	134, 74, 255
Decimal	8801023
CIE _{Lab}	48.49, 63.69, -80.80
CIE _{LCh}	48, 102.883, 308.246
Yxy	17.1859, 0.2109, 0.1195
Android (android.graphics.Color)	4286991103 (0xFF864AFF)
YUV	112.5740, 70.2160, 18.7906
Hunter-Lab	41.4559, 58.0479, -108.7464

Details

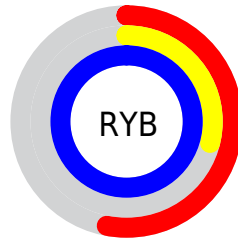
The XYZ color **30.3303, 17.1859, 96.3264** is a light color, and the websafe version is hex **9933FF**. The color can be described as light washed purple. A complement of this color would be **59.5003, 83.6158, 19.4820**, and the grayscale version is **15.3750, 16.1757, 17.6153**.

A 20% lighter version of the original color is **48.1450, 34.0008, 98.6330**, and **12.7176, 5.6670, 53.2469** is the 20% darker color. If you saturate the color by 10%, you get **26.4582, 13.1541, 95.7522**, and if you desaturate by 10%, it is **35.3315, 22.8230, 97.1508**.

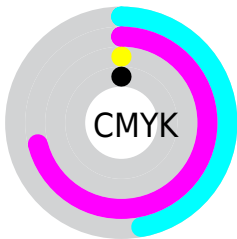
Distribution



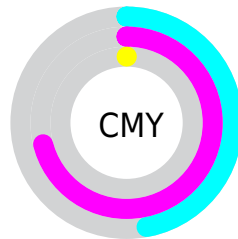
- Red (53%)
- Green (29%)
- Blue (100%)



- Red (53%)
- Yellow (29%)
- Blue (100%)



- Cyan (47%)
- Magenta (71%)
- Yellow (0%)
- Black (0%)



- Cyan (47%)
- Magenta (71%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.3303, 17.1859, 96.3264 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 30.3303, 17.1859, 96.3264 by changing the saturation by 10% instead.

30.3303, 17.1859,
96.3264

30.3303, 17.1859,
96.3264

295.3233,
236.2414, 569.4951

20.2387, 10.3671,
72.6365

59.5672, 38.6451,
158.1071

12.6780, 5.6430,
53.1887

79.4432, 54.0544,
197.0350

7.2826, 2.6293,
37.5647

103.3115, 73.0959,
241.8792

3.6874, 0.9414,
25.3458

131.5373, 96.1541,
293.0584

1.5268, 0.0000,
16.1135

164.4860,
123.6133, 350.9910

0.3440, 0.0000,
9.4493

202.5230,

0.0000, 0.0000,

155.8580, 416.0956

4.9346

246.0137,
193.2726, 488.7908

■ 0.0000, 0.0000,
2.1509

■ 0.0000, 0.0000,
0.6458

■ 30.3303, 17.1859,
96.3264

■ 30.3303, 17.1859,
96.3264

■ 26.4582, 13.1541,
95.7522

■ 35.3315, 22.8230,
97.1508

■ 23.6023, 10.5372,
95.3976

■ 41.5529, 30.2228,
98.2513

■ 21.7545, 9.1297,
95.2234

■ 49.0787, 39.5248,
99.6501

■ 57.9840, 50.8538,
101.3674

■ 68.3380, 64.3236,
103.4216

■ 80.2051, 80.0395,
105.8296

■ 93.6455, 98.0997,
108.6072

■ 95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



19.0763, 17.1859, 131.5526



30.3303, 17.1859, 96.3264



39.6330, 17.1859, 45.3190

Triad

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



30.3303, 17.1859, 96.3264



24.0206, 17.1859, 0.0000



4.1574, 17.1859, 27.1942

Complementary

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



30.3303, 17.1859, 96.3264



59.5003, 83.6158, 19.4820

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.



4.6168, 17.1859, 5.3088



30.3303, 17.1859, 96.3264



13.8692, 17.1859, 0.0000

Square

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



30.3303, 17.1859, 96.3264



35.1193, 17.1859, 1.4593



7.4834, 17.1859, 0.1964



5.8301, 17.1859, 72.7981

Rectangle

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



30.3303, 17.1859, 96.3264



41.9952, 17.1859, 20.3479



7.4834, 17.1859, 0.1964



4.0859, 17.1859, 17.1672

Sweetspot

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



30.3312, 17.1863, 96.3264



68.3162, 64.2950, 103.4173



40.9958, 48.9194, 101.8894



13.9789, 12.9188, 22.0068



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.



30.3312, 17.1863, 96.3264



25.1949, 11.9442, 95.5853



50.5669, 27.6182, 97.2734



17.5703, 17.6702, 22.7346



11.5073, 4.8427, 49.7628



1.2304, 0.5282, 4.8504

Inverse Universe

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



53.5385, 30.0975, 54.6142



50.5032, 26.0871, 47.2512



43.0815, 75.1516, 18.7137



18.5216, 18.1920, 21.3639



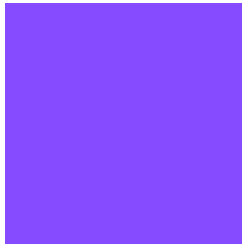
25.4350, 12.6633, 21.4728



2.5272, 1.2532, 2.3574

Previews

White Background



This preview shows how the XYZ color 30.3303, 17.1859, 96.3264 looks on a white background.

Color Contrast Check

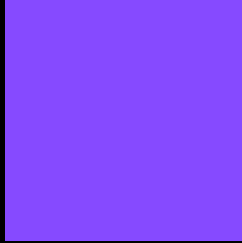
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.3303, 17.1859, 96.3264 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

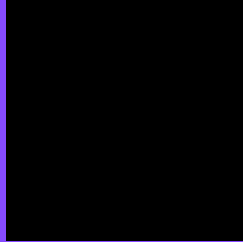
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 30.3303, 17.1859, 96.3264

Background



This preview shows how black text looks on a background with the XYZ color 30.3303, 17.1859, 96.3264.



This preview shows how white text looks on a background with the XYZ color 30.3303, 17.1859,

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

30.3303, 17.1859, 96.3264

Protanopia

20.5357, 17.3094, 80.1006

Deuteranopia

17.1391, 17.2211, 58.2978



Tritanopia

15.4476, 16.9642, 22.5389

Trichromacy



Original Color

30.3303, 17.1859, 96.3264



Protanomaly

21.6613, 15.7991, 85.9123



Deuteranomaly

19.0691, 15.3762, 70.3695



Tritanomaly

18.9758, 15.8081, 42.0955

Monochromacy



Original Color

30.3303, 17.1859, 96.3264



Achromatopsia

15.6958, 16.5132, 17.9829



Achromatomaly

19.1385, 15.7052, 37.6200

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.3303, 17.1859, 96.3264 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(134, 74, 255)` looks like.

```
.text, #text, p{  
    color:rgb(134, 74, 255)  
}
```

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(134, 74, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 74, 255) }
```

Border

The CSS property to change the border of an element to XYZ 30.3303, 17.1859, 96.3264 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(134, 74, 255) }
```


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

```
.border{ border-color:rgb(134, 74, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 74, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(134, 74, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(134, 74, 255); box-shadow:4px 4px 4px 4px rgb(134, 74, 255) }
```

Background

The CSS property to change the background color of an element to XYZ 30.3303, 17.1859, 96.3264 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 74, 255) }
```

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

```
.background{ background-color: rgb(134, 74,  
255) }
```

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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