

Converting Colors

XYZ(32.1758, 18.1373, 96.4127)

Have a look what the booklet for
XYZ(32.1758, 18.1373, 96.4127)
contains.

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Color

**XYZ(32.1758, 18.1373,
96.4127)**

Conversions

Conversions Part 1

Format	Color
Hex	914AFF
RGB	145, 74, 255
RGB Percent	57%, 29%, 100%
CMY	0.4314, 0.7098, 0.0000
CMYK	0.43, 0.71, 0.00, 0.00
HSL	264°, 100%, 65%
HSV	264°, 71%, 100%
XYZ	32.1758, 18.1373, 96.4127
YIQ	115.8630, -15.7850, 71.3430

Conversions

Conversions Part 2

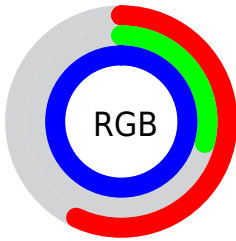
Format	Color
R _Y B	145, 74, 255
Decimal	9521919
CIE Lab	49.66, 65.44, -78.84
CIE LCh	50, 102.465, 309.695
Yxy	18.1373, 0.2193, 0.1236
Android (android.graphics.Color)	4287711999 (0xFF914AFF)
YUV	115.8630, 68.5945, 25.5531
Hunter-Lab	42.5879, 60.3306, -104.4122

Details

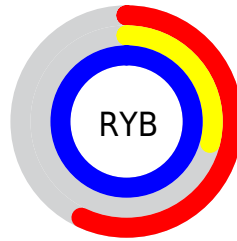
The XYZ color **32.1758, 18.1373, 96.4127** is a light color, and the websafe version is hex **9933FF**. The color can be described as light washed purple. A complement of this color would be **56.7623, 82.2043, 19.3540**, and the grayscale version is **16.3597, 17.2117, 18.7436**.

A 20% lighter version of the original color is **51.2228, 35.7802, 98.8143**, and **13.6892, 6.0880, 53.2769** is the 20% darker color. If you saturate the color by 10%, you get **28.2582, 14.0821, 95.8365**, and if you desaturate by 10%, it is **37.1571, 23.7642, 97.2363**.

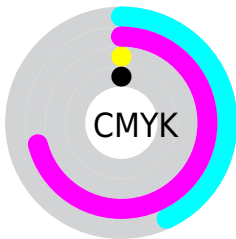
Distribution



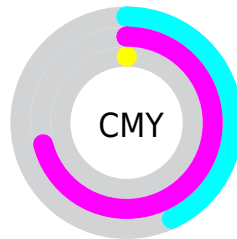
- Red (57%)
- Green (29%)
- Blue (100%)



- Red (57%)
- Yellow (29%)
- Blue (100%)



- Cyan (43%)
- Magenta (71%)
- Yellow (0%)
- Black (0%)





- Cyan (43%)
- Magenta (71%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.1758, 18.1373, 96.4127 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 32.1758, 18.1373, 96.4127 by changing the saturation by 10% instead.

 32.1758, 18.1373,
96.4127


 32.1758, 18.1373,
96.4127


303.6504,
241.6438, 569.7772


 21.6520, 11.0486,
72.7080


 62.4499, 40.2711,
158.2272


 13.7166, 6.0995,
53.2468


 82.9310, 56.0851,
197.1740


 8.0042, 2.9057,
37.6108


 107.4618, 75.5762,
242.0386

 4.1495, 1.0827,
25.3813

 136.4078, 99.1290,
293.2396

 1.7870, 0.0000,
16.1397

 170.1343,
127.1277, 351.1953

 0.5098, 0.0000,
9.4677

209.0067,

 0.0000, 0.0000,

159.9568, 416.3245

4.9465

253.3902,
198.0007, 489.0456

■ 0.0000, 0.0000,
2.1577

■ 0.0000, 0.0000,
0.6498

■ 32.1758, 18.1373,
96.4127

■ 32.1758, 18.1373,
96.4127

■ 28.2582, 14.0821,
95.8365

■ 37.1571, 23.7642,
97.2363

■ 25.2973, 11.4110,
95.4770

■ 43.2877, 31.1173,
98.3325

■ 23.3093, 9.9312,
95.2961

■ 50.6469, 40.3334,
99.7235

■ 59.3051, 51.5351,
101.4293

■ 69.3274, 64.8339,
103.4680

■ 80.7740, 80.3330,
105.8563

■ 93.7012, 98.1288,
108.6099

■ 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.



20.5881, 18.1373, 133.7841



32.1758, 18.1373, 96.4127



41.4357, 18.1373, 44.8125

Triad

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



32.1758, 18.1373, 96.4127



24.5867, 18.1373, 0.0000



4.5859, 18.1373, 30.2248

Complementary

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



32.1758, 18.1373, 96.4127



56.7623, 82.2043, 19.3540

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.



4.9666, 18.1373, 6.3731



32.1758, 18.1373, 96.4127



14.2742, 18.1373, 0.0000

Square

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



32.1758, 18.1373, 96.4127



36.0316, 18.1373, 1.4833



7.8325, 18.1373, 0.4742



6.4729, 18.1373, 77.6099

Rectangle

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



32.1758, 18.1373, 96.4127



43.5581, 18.1373, 20.0353



7.8325, 18.1373, 0.4742



4.4763, 18.1373, 19.4643

Sweetspot

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



32.1767, 18.1378, 96.4128



69.3061, 64.8053, 103.4636



38.3524, 43.6325, 101.0083



14.2122, 13.0391, 22.0177



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.



32.1767, 18.1378, 96.4128



26.9594, 12.8538, 95.6679



54.3922, 29.5903, 97.4525



17.6770, 17.7252, 22.7396



12.3351, 5.2695, 49.8016



1.3194, 0.5741, 4.8545

Inverse Universe

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



52.3401, 29.6182, 48.3035



49.1941, 25.5635, 40.3575



41.7276, 74.4536, 18.6504



18.4731, 18.1726, 21.1087



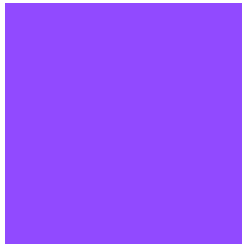
24.7143, 12.3750, 17.6777



2.4601, 1.2264, 2.0041

Previews

White Background



This preview shows how the XYZ color 32.1758, 18.1373, 96.4127 looks on a white background.

Color Contrast Check

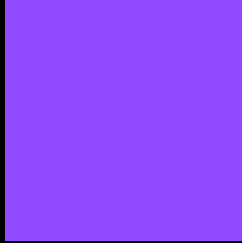
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.1758, 18.1373, 96.4127 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

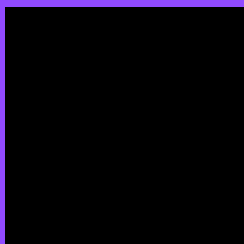
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 32.1758, 18.1373, 96.4127

Background



This preview shows how black text looks on a background with the XYZ color 32.1758, 18.1373, 96.4127.



This preview shows how white text looks on a background with the XYZ color 32.1758, 18.1373,

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

32.1758, 18.1373, 96.4127

Protanopia

21.7455, 18.3259, 84.8292

Deuteranopia

18.2225, 18.2288, 62.2326



Tritanopia

17.2623, 17.8997, 22.6238

Trichromacy



Original Color

32.1758, 18.1373, 96.4127



Protanomaly

22.4115, 16.2731, 88.3460



Deuteranomaly

20.0091, 16.0938, 73.2860



Tritanomaly

20.8978, 16.7990, 42.1855

Monochromacy



Original Color

32.1758, 18.1373, 96.4127



Achromatopsia

16.6002, 17.4647, 19.0191



Achromatomaly

20.3811, 16.6094, 38.6909

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.1758, 18.1373, 96.4127 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, 74, 255)` looks like.

```
.text, #text, p{  
    color:rgb(145, 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(145, 74, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 74, 255) }
```

Border

The CSS property to change the border of an element to XYZ 32.1758, 18.1373, 96.4127 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, 74, 255) }
```


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

```
.border{ border-color:rgb(145, 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(145, 74, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 74, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 74, 255);  
box-shadow:4px 4px 4px 4px rgb(145, 74,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 32.1758, 18.1373, 96.4127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 74, 255) }
```

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

```
.background{ background-color: rgb(145, 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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