

Converting Colors

XYZ(32.4980, 26.6308, 71.3616)

Have a look what the booklet for
XYZ(32.4980, 26.6308, 71.3616)
contains.

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Color

**XYZ(32.4915, 26.7166,
71.1545)**

Conversions

Conversions Part 1

Format	Color
Hex	9280DC
RGB	146, 128, 220
RGB Percent	57%, 50%, 86%
CMY	0.4274, 0.4980, 0.1373
CMYK	0.34, 0.42, 0.00, 0.14
HSL	252°, 57%, 68%
HSV	252°, 42%, 86%
XYZ	32.4915, 26.7166, 71.1545
YIQ	143.8700, -18.8040, 32.4280

Conversions

Conversions Part 2

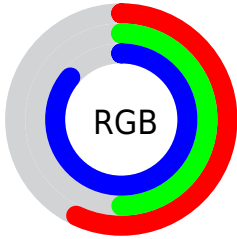
Format	Color
RYB	146, 128, 220
Decimal	9601244
CIELab	58.71, 27.58, -44.75
CIELCh	59, 52.561, 301.646
Yxy	26.7166, 0.2492, 0.2049
Android (android.graphics.Color)	4287791324 (0xFF9280DC)
YUV	143.8700, 37.5321, 1.8680
Hunter-Lab	51.6881, 21.7522, -45.4377

Details

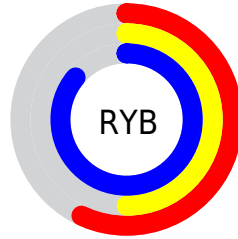
The XYZ color **32.4915, 26.7166, 71.1545** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **53.8469, 65.3019, 30.1894**, and the grayscale version is **26.3171, 27.6876, 30.1518**.

A 20% lighter version of the original color is **58.9310, 52.8243, 101.6979**, and **13.9105, 10.5476, 36.4247** is the 20% darker color. If you saturate the color by 10%, you get **27.0211, 20.0890, 70.1641**, and if you desaturate by 10%, it is **39.0728, 34.8413, 72.3763**.

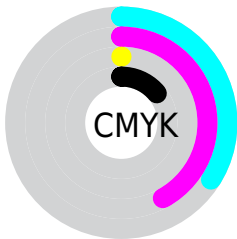
Distribution



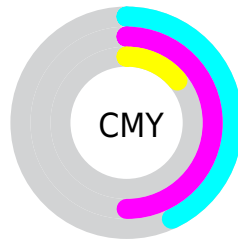
- Red (57%)
- Green (50%)
- Blue (86%)



- Red (57%)
- Yellow (50%)
- Blue (86%)



- Cyan (34%)
- Magenta (42%)
- Yellow (0%)
- Black (14%)



- Cyan (43%)
- Magenta (50%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.4915, 26.7166, 71.1545 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 32.4915, 26.7166, 71.1545 by changing the saturation by 10% instead.

■ 32.4915, 26.7166,
71.1545

■ 32.4915, 26.7166,
71.1545

305.0578,
286.2823, 483.4916

■ 21.8946, 17.3605,
51.9857

■ 62.9408, 54.4288,
122.5502

■ 13.8956, 10.4918,
36.6115

■ 83.5239, 73.5536,
155.6142

■ 8.1293, 5.7263,
24.6134

■ 108.1664, 96.7035,
194.1469

■ 4.2303, 2.6794,
15.5729

137.2337,
124.2628, 238.5670

■ 1.8332, 0.9667,
9.0714

171.0911,
156.6160, 289.2930

■ 0.5376, 0.0000,
4.6903

210.1041,

■ 0.0000, 0.0000,

194.1473, 346.7434

2.0112

254.6378,
237.2413, 411.3367

■ 0.0000, 0.0000,
0.5621

■ 0.0000, 0.0000,
0.0000

■ 32.4915, 26.7166,
71.1545

■ 32.4915, 26.7166,
71.1545

■ 27.0211, 20.0890,
70.1641

■ 39.0728, 34.8413,
72.3763

■ 22.5958, 14.8628,
69.3885

■ 46.8200, 44.5448,
73.8410

■ 19.1469, 10.9357,
68.8123

■ 55.7877, 55.9064,
75.5614

■ 16.5963, 8.1899,
68.4167

■ 66.0263, 68.9992,
77.5489

■ 14.8522, 6.4854,
68.1797

■ 77.5833, 83.8918,
79.8143

■ 13.9166, 5.6820,
68.0739

■ 88.8869, 97.4156,
81.8289

■ 89.9184, 97.9473,
81.8772

Harmonies

Analogous

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



25.7521, 26.7166, 81.1769



32.4915, 26.7166, 71.1545



37.9824, 26.7166, 49.4908

Triad

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



32.4915, 26.7166, 71.1545



31.7680, 26.7166, 7.6584



14.8821, 26.7166, 30.1244

Complementary

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



32.4915, 26.7166, 71.1545



53.8469, 65.3019, 30.1894

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.



15.9476, 26.7166, 15.2436



32.4915, 26.7166, 71.1545



25.0379, 26.7166, 6.0393

Square

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



32.4915, 26.7166, 71.1545



37.5173, 26.7166, 14.1211



19.4124, 26.7166, 8.0861



16.2109, 26.7166, 52.0581

Rectangle

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



32.4915, 26.7166, 71.1545



39.7888, 26.7166, 34.5766



19.4124, 26.7166, 8.0861



14.9711, 26.7166, 24.2166

Sweetspot

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



32.4925, 26.7176, 71.1551



76.2332, 75.9320, 105.2462



43.2085, 52.5321, 75.5730



15.6987, 15.4671, 22.4080



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.



32.4925, 26.7176, 71.1551



38.7370, 29.2469, 98.2113



42.0905, 31.6655, 71.6043



12.5754, 12.7392, 16.4483



8.2389, 3.3715, 39.9549



0.6036, 0.2544, 2.5917

Inverse Universe

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



47.8955, 34.9190, 60.0925



63.1844, 42.2843, 79.7330



43.4208, 59.9271, 29.7014



13.4995, 13.2289, 15.8914



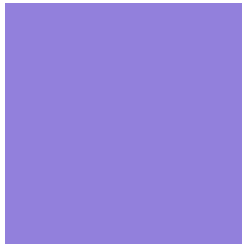
22.0169, 10.8078, 25.5327



1.4549, 0.7116, 1.8043

Previews

White Background



This preview shows how the XYZ color 32.4915, 26.7166, 71.1545 looks on a white background.

Color Contrast Check

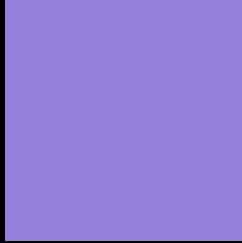
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.4915, 26.7166, 71.1545 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

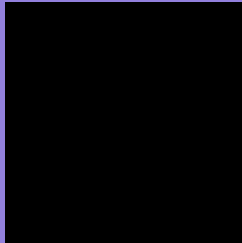
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 32.4915, 26.7166, 71.1545

Background



This preview shows how black text looks on a background with the XYZ color 32.4915, 26.7166, 71.1545.



This preview shows how white text looks on a background with the XYZ color 32.4915, 26.7166,

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

32.4915, 26.7166, 71.1545

Protanopia

29.0570, 26.8374, 77.7774

Deuteranopia

27.6428, 26.9431, 69.3892



Tritanopia

25.0215, 26.5846, 34.3844

Trichromacy



Original Color

32.4915, 26.7166, 71.1545

Protanomaly

29.9983, 26.5343, 75.4920

Deuteranomaly

29.0668, 26.5922, 69.9305

Tritanomaly

27.2981, 26.4240, 45.7811

Monochromacy



Original Color

32.4915, 26.7166, 71.1545

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

28.2119, 27.1753, 42.7881

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.4915, 26.7166, 71.1545 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(146, 128, 220)` looks like.

```
.text, #text, p{  
    color:rgb(146, 128, 220)  
}
```

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(146, 128, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 128, 220) }
```

Border

The CSS property to change the border of an element to XYZ 32.4915, 26.7166, 71.1545 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(146, 128, 220) }
```


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

```
.border{ border-color:rgb(146, 128, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 128, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 128, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 128, 220);  
box-shadow:4px 4px 4px 4px rgb(146, 128,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 32.4915, 26.7166, 71.1545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 128, 220) }
```

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

```
.background{ background-color: rgb(146,  
128, 220) }
```

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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