

Converting Colors

XYZ(32.2204, 26.9897, 70.7370)

Have a look what the booklet for
XYZ(32.2204, 26.9897, 70.7370)
contains.

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Color

**XYZ(32.0965, 26.9194,
70.5221)**

Conversions

Conversions Part 1

Format	Color
Hex	8F82DB
RGB	143, 130, 219
RGB Percent	56%, 51%, 86%
CMY	0.4392, 0.4902, 0.1412
CMYK	0.35, 0.41, 0.00, 0.14
HSL	249°, 55%, 68%
HSV	249°, 41%, 86%
XYZ	32.0965, 26.9194, 70.5221
YIQ	144.0330, -20.8210, 30.4350

Conversions

Conversions Part 2

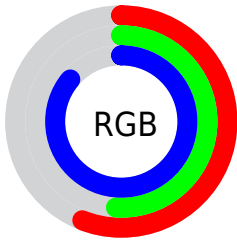
Format	Color
RYB	143, 130, 219
Decimal	9405147
CIELab	58.90, 25.34, -43.90
CIElCh	59, 50.693, 299.993
Yxy	26.9194, 0.2478, 0.2078
Android (android.graphics.Color)	4287595227 (0xFF8F82DB)
YUV	144.0330, 36.9587, -0.9059
Hunter-Lab	51.8839, 19.6271, -44.2699

Details

The XYZ color **32.0965, 26.9194, 70.5221** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **54.8148, 65.3970, 30.8539**, and the grayscale version is **26.3853, 27.7594, 30.2300**.

A 20% lighter version of the original color is **58.5367, 53.2291, 101.7968**, and **13.6731, 10.6530, 35.9859** is the 20% darker color. If you saturate the color by 10%, you get **26.5156, 20.1689, 69.5138**, and if you desaturate by 10%, it is **38.8390, 35.1899, 71.7636**.

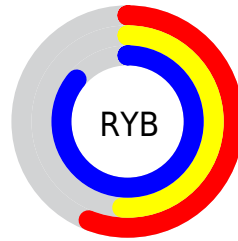
Distribution



Red (56%)

Green (51%)

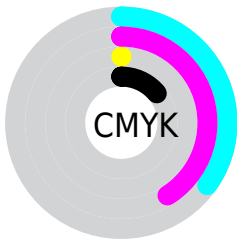
Blue (86%)



Red (56%)

Yellow (51%)

Blue (86%)

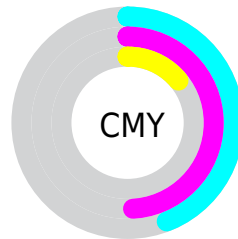


Cyan (35%)

Magenta (41%)

Yellow (0%)

Black (14%)



Cyan (44%)

Magenta (49%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.0965, 26.9194, 70.5221 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 32.0965, 26.9194, 70.5221 by changing the saturation by 10% instead.

■ 32.0965, 26.9194,
70.5221

■ 32.0965, 26.9194,
70.5221

303.2961,
287.2667, 481.2196

■ 21.5911, 17.5127,
51.4729

■ 62.3265, 54.7545,
121.6411

■ 13.6717, 10.6007,
36.2057

■ 82.7819, 73.9517,
154.5479

■ 7.9728, 5.7990,
24.3022

■ 107.2846, 97.1812,
192.9110

■ 4.1292, 2.7233,
15.3437

136.2000,
124.8273, 237.1490

■ 1.7755, 0.9890,
8.9116

169.8935,
157.2746, 287.6802

■ 0.5028, 0.0000,
4.5876

208.7305,

■ 0.0000, 0.0000,

194.9073, 344.9234

1.9529

253.0762,
238.1098, 409.2970

■ 0.0000, 0.0000,
0.5261

■ 0.0000, 0.0000,
0.0000

■ 32.0965, 26.9194,
70.5221

■ 32.0965, 26.9194,
70.5221

■ 26.5156, 20.1689,
69.5138

■ 38.8390, 35.1899,
71.7636

■ 22.0268, 14.8423,
68.7222

■ 46.8011, 45.0625,
73.2495

■ 18.5580, 10.8369,
68.1319

■ 56.0406, 56.6171,
74.9928

■ 16.0264, 8.0353,
67.7246

■ 66.6106, 69.9273,
77.0049

■ 14.3362, 6.2982,
67.4784

■ 78.5613, 85.0624,
79.2964

■ 13.3817, 5.4214,
67.3595

■ 89.7863, 97.8945,
81.1816

Harmonies

Analogous

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



25.5846, 26.9194, 79.1519



32.0965, 26.9194, 70.5221



37.5068, 26.9194, 50.1839

Triad

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



32.0965, 26.9194, 70.5221



32.0994, 26.9194, 8.4291



15.3269, 26.9194, 29.3065

Complementary

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



32.0965, 26.9194, 70.5221



54.8148, 65.3970, 30.8539

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.



16.5037, 26.9194, 15.2153



32.0965, 26.9194, 70.5221



25.5875, 26.9194, 6.5697

Square

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



32.0965, 26.9194, 70.5221



37.5087, 26.9194, 15.2199



20.0215, 26.9194, 8.4273



16.5027, 26.9194, 50.1737

Rectangle

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



32.0965, 26.9194, 70.5221



39.3854, 26.9194, 35.7271



20.0215, 26.9194, 8.4273



15.4575, 26.9194, 23.7124

Sweetspot

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



32.0975, 26.9204, 70.5227



77.0849, 77.3832, 105.4814



44.3380, 54.5513, 75.2109



16.1166, 16.0835, 22.5049



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.



32.0975, 26.9204, 70.5227



38.3068, 29.5227, 98.2872



41.1085, 31.5657, 70.9444



12.5148, 12.7080, 16.4454



7.9907, 3.2435, 39.9433



0.5751, 0.2397, 2.5904

Inverse Universe

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



48.3372, 35.4824, 62.6937



64.4785, 43.3382, 84.8943



44.3908, 60.0233, 30.3660



13.5283, 13.2404, 16.0435



22.6730, 11.0702, 28.9879



1.4917, 0.7263, 1.9980

Previews

White Background



This preview shows how the XYZ color 32.0965, 26.9194, 70.5221 looks on a white background.

Color Contrast Check

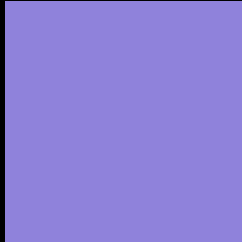
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.0965, 26.9194, 70.5221 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

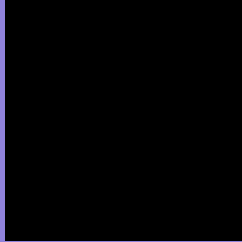
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 32.0965, 26.9194, 70.5221

Background



This preview shows how black text looks on a background with the XYZ color 32.0965, 26.9194, 70.5221.



This preview shows how white text looks on a background with the XYZ color 32.0965, 26.9194,

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

32.0965, 26.9194, 70.5221

Protanopia

29.2821, 27.1994, 76.3797

Deuteranopia

27.8750, 27.0628, 69.4001



Tritanopia

24.9429, 26.9802, 34.9034

Trichromacy



Original Color

32.0965, 26.9194, 70.5221

Protanomaly

30.1439, 27.0551, 74.1544

Deuteranomaly

29.2083, 26.8752, 69.9777

Tritanomaly

27.1000, 26.7479, 45.8540

Monochromacy



Original Color

32.0965, 26.9194, 70.5221

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

28.0849, 27.3348, 42.3240

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.0965, 26.9194, 70.5221 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(143, 130, 219)` looks like.

```
.text, #text, p{  
    color:rgb(143, 130, 219)  
}
```

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(143, 130, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 130, 219) }
```

Border

The CSS property to change the border of an element to XYZ 32.0965, 26.9194, 70.5221 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(143, 130, 219) }
```


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

```
.border{ border-color:rgb(143, 130, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 130, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 130, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 130, 219);  
box-shadow:4px 4px 4px 4px rgb(143, 130,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 32.0965, 26.9194, 70.5221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 130, 219) }
```

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

```
.background{ background-color: rgb(143,  
130, 219) }
```

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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