

Converting Colors

XYZ(31.3765, 27.0619, 65.5265)

Have a look what the booklet for
XYZ(31.3765, 27.0619, 65.5265)
contains.

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Color

**XYZ(31.4626, 27.0956,
65.8591)**

Conversions

Conversions Part 1

Format	Color
Hex	8F84D4
RGB	143, 132, 212
RGB Percent	56%, 52%, 83%
CMY	0.4392, 0.4823, 0.1686
CMYK	0.33, 0.38, 0.00, 0.17
HSL	248°, 48%, 67%
HSV	248°, 38%, 83%
XYZ	31.4626, 27.0956, 65.8591
YIQ	144.4090, -19.1240, 27.2120

Conversions

Conversions Part 2

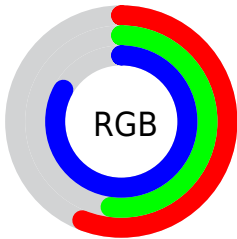
Format	Color
RYB	143, 132, 212
Decimal	9405652
CIELab	59.06, 22.33, -39.72
CIELCh	59, 45.569, 299.344
Yxy	27.0956, 0.2529, 0.2178
Android (android.graphics.Color)	4287595732 (0xFF8F84D4)
YUV	144.4090, 33.3224, -1.2357
Hunter-Lab	52.0534, 16.7970, -38.5776

Details

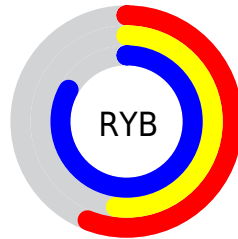
The XYZ color **31.4626, 27.0956, 65.8591** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **51.7962, 61.1709, 30.9079**, and the grayscale version is **26.5502, 27.9329, 30.4189**.

A 20% lighter version of the original color is **58.9521, 54.0600, 101.9353**, and **13.3195, 10.6426, 33.2505** is the 20% darker color. If you saturate the color by 10%, you get **25.9630, 20.4181, 64.8606**, and if you desaturate by 10%, it is **38.0642, 35.2094, 67.0778**.

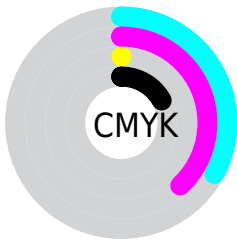
Distribution



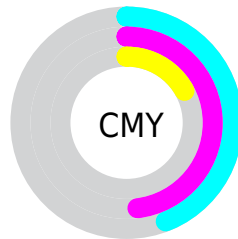
- Red (56%)
- Green (52%)
- Blue (83%)



- Red (56%)
- Yellow (52%)
- Blue (83%)



- Cyan (33%)
- Magenta (38%)
- Yellow (0%)
- Black (17%)



- Cyan (44%)
- Magenta (48%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.4626, 27.0956, 65.8591 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 31.4626, 27.0956, 65.8591 by changing the saturation by 10% instead.

■ 31.4626, 27.0956,
65.8591

■ 31.4626, 27.0956,
65.8591

300.4529,
288.1197, 464.2633

■ 21.1049, 17.6450,
47.7023

■ 61.3386, 55.0372,
114.9092

■ 13.3136, 10.6954,
33.2329

■ 81.5875, 74.2971,
146.6395

■ 7.7233, 5.8624,
22.0323

■ 105.8643, 97.5955,
183.7313

■ 3.9687, 2.7616,
13.6821

134.5343,
125.3169, 226.6033

■ 1.6845, 1.0086,
7.7637

167.9628,
157.8456, 275.6740

■ 0.4465, 0.0000,
3.8585

206.5151,

■ 0.0000, 0.0000,

195.5660, 331.3618

1.5480

250.5567,
238.8626, 394.0854

■ 0.0000, 0.0000,
0.2533

■ 0.0000, 0.0000,
0.0000

■ 31.4626, 27.0956,
65.8591

■ 31.4626, 27.0956,
65.8591

■ 25.9630, 20.4181,
64.8606

■ 38.0642, 35.2094,
67.0778

■ 21.5020, 15.0897,
64.0672

■ 45.8208, 44.8335,
68.5266

■ 18.0139, 11.0185,
63.4652

■ 54.7854, 56.0408,
70.2173

■ 15.4243, 8.0998,
63.0383

■ 65.0069, 68.8983,
72.1603

■ 13.6478, 6.2113,
62.7675

■ 76.5313, 83.4691,
74.3654

■ 12.5725, 5.1860,
62.6262

■ 88.0471, 97.1022,
76.3899

■ 12.3948, 5.0169,
62.6030

■ 88.8838, 97.5335,
76.4291

Harmonies

Analogous

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



25.6291, 27.0956, 72.9239



31.4626, 27.0956, 65.8591



36.2943, 27.0956, 48.4162

Triad

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



31.4626, 27.0956, 65.8591



31.7099, 27.0956, 9.9942



16.3331, 27.0956, 29.1470

Complementary

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



31.4626, 27.0956, 65.8591



51.7962, 61.1709, 30.9079

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.



17.4811, 27.0956, 16.2945



31.4626, 27.0956, 65.8591



25.8784, 27.0956, 8.0244

Square

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



31.4626, 27.0956, 65.8591



36.4512, 27.0956, 16.7142



20.7806, 27.0956, 9.8218



17.3850, 27.0956, 47.5612

Rectangle

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



31.4626, 27.0956, 65.8591



37.9960, 27.0956, 35.6486



20.7806, 27.0956, 9.8218



16.4715, 27.0956, 24.1069

Sweetspot

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



31.4636, 27.0966, 65.8597



78.3982, 79.0877, 105.7412



42.3646, 51.5886, 70.0126



16.3761, 16.4222, 22.5566



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.



31.4636, 27.0966, 65.8597



41.1806, 33.1201, 98.8301



39.5850, 31.2833, 66.2398



11.8999, 12.0898, 15.6439



7.7011, 3.1226, 38.6500



0.5171, 0.2155, 2.3336

Inverse Universe

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



45.9459, 34.7174, 59.5381



66.2673, 46.3344, 87.2833



42.4743, 56.3653, 30.4717



12.8762, 12.6020, 15.2880



22.0564, 10.7589, 28.6649



1.3511, 0.6572, 1.8381

Previews

White Background



This preview shows how the XYZ color 31.4626, 27.0956, 65.8591 looks on a white background.

Color Contrast Check

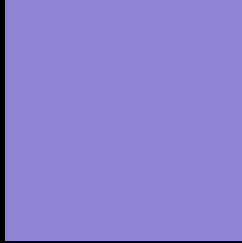
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.4626, 27.0956, 65.8591 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

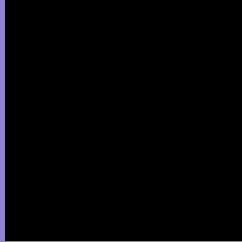
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 31.4626, 27.0956, 65.8591

Background



This preview shows how black text looks on a background with the XYZ color 31.4626, 27.0956, 65.8591.



This preview shows how white text looks on a background with the XYZ color 31.4626, 27.0956,

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

31.4626, 27.0956, 65.8591

Protanopia

28.8269, 27.1046, 70.0420

Deuteranopia

27.8398, 27.1476, 64.7455



Tritanopia

25.2497, 27.1384, 34.9178

Trichromacy



Original Color

31.4626, 27.0956, 65.8591

Protanomaly

29.6563, 26.9262, 68.6000

Deuteranomaly

29.0147, 27.0911, 65.3279

Tritanomaly

27.2062, 27.0417, 44.8599

Monochromacy



Original Color

31.4626, 27.0956, 65.8591

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

28.0411, 27.5500, 41.3759

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.4626, 27.0956, 65.8591 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, 132, 212)` looks like.

```
.text, #text, p{  
    color:rgb(143, 132, 212)  
}
```

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, 132, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 132, 212) }
```

Border

The CSS property to change the border of an element to XYZ 31.4626, 27.0956, 65.8591 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, 132, 212) }
```


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

```
.border{ border-color:rgb(143, 132, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 132, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(143, 132, 212); -webkit-box-shadow:4px 4px 4px 4px rgb(143, 132, 212); box-shadow:4px 4px 4px 4px rgb(143, 132, 212) }
```

Background

The CSS property to change the background color of an element to XYZ 31.4626, 27.0956, 65.8591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 132, 212) }
```

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

```
.background{ background-color: rgb(143,  
132, 212) }
```

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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