

Converting Colors

XYZ(26.4102, 19.7415, 68.7865)

Have a look what the booklet for
XYZ(26.4102, 19.7415, 68.7865)
contains.

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Color

**XYZ(26.4131, 19.8056,
68.7604)**

Conversions

Conversions Part 1

Format	Color
Hex	7E6ADA
RGB	126, 106, 218
RGB Percent	49%, 42%, 85%
CMY	0.5059, 0.5843, 0.1451
CMYK	0.42, 0.51, 0.00, 0.15
HSL	251°, 60%, 64%
HSV	251°, 51%, 85%
XYZ	26.4131, 19.8056, 68.7604
YIQ	124.7480, -24.0320, 39.0720

Conversions

Conversions Part 2

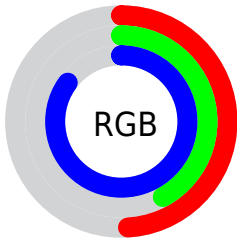
Format	Color
R _Y B	126, 106, 218
Decimal	8284890
CIE Lab	51.62, 34.83, -55.01
CIE LCh	52, 65.110, 302.344
Yxy	19.8056, 0.2297, 0.1723
Android (android.graphics.Color)	4286474970 (0xFF7E6ADA)
YUV	124.7480, 45.9732, 1.0980
Hunter-Lab	44.5035, 28.0598, -60.4540

Details

The XYZ color **26.4131, 19.8056, 68.7604** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **50.9613, 63.1892, 23.1468**, and the grayscale version is **19.2654, 20.2687, 22.0726**.

A 20% lighter version of the original color is **49.8053, 41.7410, 100.0395**, and **10.4889, 6.9000, 34.9614** is the 20% darker color. If you saturate the color by 10%, you get **22.0372, 14.6282, 67.9921**, and if you desaturate by 10%, it is **31.8343, 26.3698, 69.7421**.

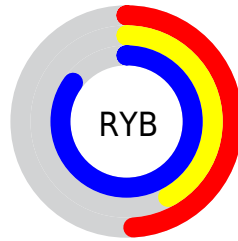
Distribution



Red (49%)

Green (42%)

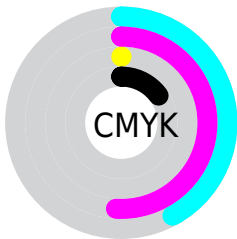
Blue (85%)



Red (49%)

Yellow (42%)

Blue (85%)

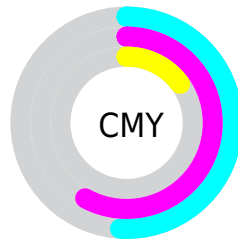


Cyan (42%)

Magenta (51%)

Yellow (0%)

Black (15%)



Cyan (51%)

Magenta (58%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.4131, 19.8056, 68.7604 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 26.4131, 19.8056, 68.7604 by changing the saturation by 10% instead.

■ 26.4131, 19.8056,
68.7604

■ 26.4131, 19.8056,
68.7604

277.0238,
250.8608, 474.8565

■ 17.2672, 12.2538,
50.0461

■ 53.3672, 43.0910,
119.1038

■ 10.5217, 6.9168,
35.0786

■ 71.9061, 59.5934,
151.5699

■ 5.8111, 3.4101,
23.4394

■ 94.3068, 79.8482,
189.4570

■ 2.7701, 1.3494,
14.7099

■ 120.9346,
104.2397, 233.1836

■ 1.0334, 0.1790,
8.4717

152.1548,
133.1523, 283.1684

■ 0.0000, 0.0000,
4.3062

188.3329,

■ 0.0000, 0.0000,

166.9704, 339.8297

1.7948

229.8341,
206.0784, 403.5863

■ 0.0000, 0.0000,
0.4245

■ 0.0000, 0.0000,
0.0000

■ 26.4131, 19.8056,
68.7604

■ 26.4131, 19.8056,
68.7604

■ 22.0372, 14.6282,
67.9921

■ 31.8343, 26.3698,
69.7421

■ 18.6345, 10.7343,
67.4198

■ 38.3611, 34.4100,
70.9500

■ 16.1279, 8.0091,
67.0259

■ 46.0521, 44.0100,
72.3976

■ 14.4262, 6.3158,
66.7888

■ 54.9610, 55.2468,
74.0970

■ 13.4892, 5.4920,
66.6792

■ 65.1382, 68.1923,
76.0593

■ 76.6312, 82.9141,
78.2952

■ 88.3250, 97.1564,
80.4279

■ 89.6550, 97.8420,
80.4901

Harmonies

Analogous

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



19.3453, 19.8056, 81.5598



26.4131, 19.8056, 68.7604



32.3565, 19.8056, 43.0596

Triad

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



26.4131, 19.8056, 68.7604



25.3089, 19.8056, 2.7824



8.8233, 19.8056, 23.0765

Complementary

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



26.4131, 19.8056, 68.7604



50.9613, 63.1892, 23.1468

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.



9.7152, 19.8056, 8.7657



26.4131, 19.8056, 68.7604



18.3134, 19.8056, 1.8618

Square

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



26.4131, 19.8056, 68.7604



31.6218, 19.8056, 7.4351



12.8496, 19.8056, 3.1770



10.0509, 19.8056, 47.2465

Rectangle

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



26.4131, 19.8056, 68.7604



34.3011, 19.8056, 26.7459



12.8496, 19.8056, 3.1770



8.8850, 19.8056, 17.1004

Sweetspot

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



26.4139, 19.8063, 68.7609



73.4093, 72.4974, 104.7321



39.0994, 49.1270, 73.7518



15.1329, 14.7861, 22.3064



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.



26.4139, 19.8063, 68.7609



30.7928, 20.1212, 96.8686



36.7873, 25.1540, 69.2464



12.5545, 12.7284, 16.4473



8.1457, 3.3235, 39.9506



0.5938, 0.2494, 2.5913

Inverse Universe

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



44.2606, 29.2910, 56.7457



59.3380, 35.3239, 76.1929



39.0588, 57.0533, 22.5898



13.5094, 13.2329, 15.9436



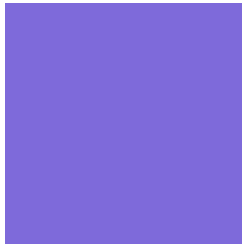
22.2371, 10.8959, 26.6923



1.4673, 0.7165, 1.8696

Previews

White Background



This preview shows how the XYZ color 26.4131, 19.8056, 68.7604 looks on a white background.

Color Contrast Check

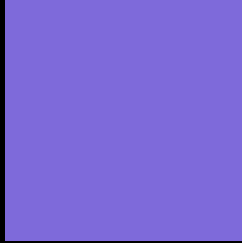
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.4131, 19.8056, 68.7604 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

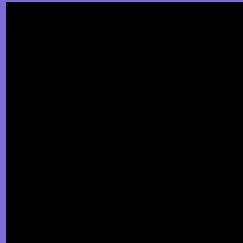
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.4131, 19.8056, 68.7604

Background



This preview shows how black text looks on a background with the XYZ color 26.4131, 19.8056, 68.7604.



This preview shows how white text looks on a background with the XYZ color 26.4131, 19.8056,

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

26.4131, 19.8056, 68.7604

Protanopia

23.0072, 19.9873, 78.2466

Deuteranopia

20.6119, 19.9233, 66.3775



Tritanopia

17.8486, 19.7635, 26.1666

Trichromacy



Original Color

26.4131, 19.8056, 68.7604

Protanomaly

23.4911, 19.4569, 74.4689

Deuteranomaly

21.6876, 19.2067, 66.8542

Tritanomaly

20.2898, 19.4575, 38.7627

Monochromacy



Original Color

26.4131, 19.8056, 68.7604

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

21.1939, 19.8200, 35.5095

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.4131, 19.8056, 68.7604 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(126, 106, 218)` looks like.

```
.text, #text, p{  
    color:rgb(126, 106, 218)  
}
```

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(126, 106, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 106, 218) }
```

Border

The CSS property to change the border of an element to XYZ 26.4131, 19.8056, 68.7604 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(126, 106, 218) }
```


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

```
.border{ border-color:rgb(126, 106, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 106, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(126, 106, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(126, 106, 218); box-shadow:4px 4px 4px 4px rgb(126, 106, 218) }
```

Background

The CSS property to change the background color of an element to XYZ 26.4131, 19.8056, 68.7604 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 106, 218) }
```

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

```
.background{ background-color: rgb(126,  
106, 218) }
```

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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