

Converting Colors

XYZ(26.2677, 19.6531, 65.3598)

Have a look what the booklet for
XYZ(26.2677, 19.6531, 65.3598)
contains.

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Color

**XYZ(26.2677, 19.6531,
65.3598)**

Conversions

Conversions Part 1

Format	Color
Hex	8269D5
RGB	130, 105, 213
RGB Percent	51%, 41%, 84%
CMY	0.4902, 0.5882, 0.1647
CMYK	0.39, 0.51, 0.00, 0.16
HSL	254°, 56%, 62%
HSV	254°, 51%, 84%
XYZ	26.2677, 19.6531, 65.3598
YIQ	124.7870, -19.7680, 38.8880

Conversions

Conversions Part 2

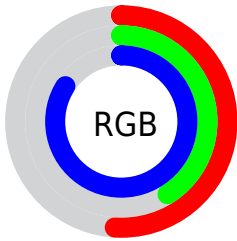
Format	Color
R _Y B	130, 105, 213
Decimal	8546773
CIE Lab	51.44, 34.98, -52.43
CIE LCh	51, 63.031, 303.712
Yxy	19.6531, 0.2360, 0.1766
Android (android.graphics.Color)	4286736853 (0xFF8269D5)
YUV	124.7870, 43.4890, 4.5718
Hunter-Lab	44.3318, 28.1850, -56.3809

Details

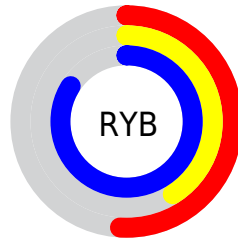
The XYZ color **26.2677, 19.6531, 65.3598** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **47.0833, 59.3001, 22.3297**, and the grayscale version is **19.2855, 20.2899, 22.0957**.

A 20% lighter version of the original color is **50.6005, 41.8987, 100.0281**, and **10.4587, 6.8507, 33.1188** is the 20% darker color. If you saturate the color by 10%, you get **22.0495, 14.6515, 64.6171**, and if you desaturate by 10%, it is **31.4303, 25.9484, 66.3032**.

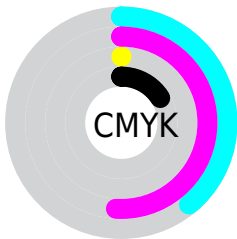
Distribution



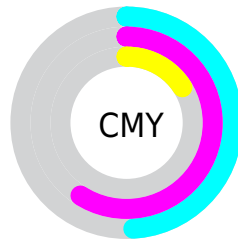
- Red (51%)
- Green (41%)
- Blue (84%)



- Red (51%)
- Yellow (41%)
- Blue (84%)



- Cyan (39%)
- Magenta (51%)
- Yellow (0%)
- Black (16%)



- Cyan (49%)
- Magenta (59%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.2677, 19.6531, 65.3598 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 26.2677, 19.6531, 65.3598 by changing the saturation by 10% instead.

■ 26.2677, 19.6531,
65.3598

■ 26.2677, 19.6531,
65.3598

276.3264,
250.0309, 462.4254

■ 17.1577, 12.1431,
47.2997

■ 53.1347, 42.8348,
114.1852

■ 10.4430, 6.8412,
32.9166

■ 71.6225, 59.2753,
145.7876

■ 5.7582, 3.3630,
21.7920

■ 93.9669, 79.4615,
182.7411

■ 2.7379, 1.3241,
13.5073

■ 120.5334,
103.7777, 225.4644

■ 1.0167, 0.1597,
7.6440

151.6872,
132.6084, 274.3759

■ 0.0000, 0.0000,
3.7835

187.7937,

■ 0.0000, 0.0000,

166.3379, 329.8942

1.5073

229.2184,
205.3506, 392.4379

■ 0.0000, 0.0000,
0.2234

■ 0.0000, 0.0000,
0.0000

■ 26.2677, 19.6531,
65.3598

■ 26.2677, 19.6531,
65.3598

■ 22.0495, 14.6515,
64.6171

■ 31.4303, 25.9484,
66.3032

■ 18.7129, 10.8492,
64.0591

■ 37.5893, 33.6187,
67.4591

■ 16.1912, 8.1418,
63.6694

■ 44.7962, 42.7407,
68.8400

■ 14.4057, 6.4052,
63.4283

■ 53.0976, 53.3849,
70.4570

■ 13.2919, 5.4648,
63.3055

■ 62.5376, 65.6174,
72.3206

■ 73.1577, 79.5000,
74.4404

■ 84.9972, 95.0913,
76.8258

■ 89.0103, 97.5841,
77.0955

Harmonies

Analogous

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



19.4775, 19.6531, 78.2954



26.2677, 19.6531, 65.3598



31.8288, 19.6531, 40.8065

Triad

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



26.2677, 19.6531, 65.3598



24.5943, 19.6531, 2.9058



8.9888, 19.6531, 23.7319

Complementary

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



26.2677, 19.6531, 65.3598



47.0833, 59.3001, 22.3297

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.



9.7662, 19.6531, 9.3910



26.2677, 19.6531, 65.3598



17.9040, 19.6531, 2.0703

Square

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



26.2677, 19.6531, 65.3598



30.7197, 19.6531, 7.3129



12.7148, 19.6531, 3.5426



10.2857, 19.6531, 47.1063

Rectangle

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



26.2677, 19.6531, 65.3598



33.5472, 19.6531, 25.4409



12.7148, 19.6531, 3.5426



9.0181, 19.6531, 17.8094

Sweetspot

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



26.2685, 19.6538, 65.3603



74.0386, 72.8218, 104.7615



36.1634, 44.4618, 69.6272



15.2826, 14.8633, 22.3134



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.



26.2685, 19.6538, 65.3603



32.6203, 21.4182, 97.0226



36.4484, 24.9017, 65.8367



12.0090, 12.1460, 15.6490



8.1941, 3.3767, 38.6731



0.5681, 0.2418, 2.3360

Inverse Universe

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



41.5696, 27.8806, 50.7673



58.5296, 35.3832, 70.7565



36.4331, 53.8097, 21.8313



12.8243, 12.5812, 15.0151



20.8790, 10.2879, 22.4645



1.2899, 0.6328, 1.5162

Previews

White Background



This preview shows how the XYZ color 26.2677, 19.6531, 65.3598 looks on a white background.

Color Contrast Check

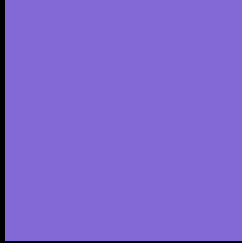
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.2677, 19.6531, 65.3598 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

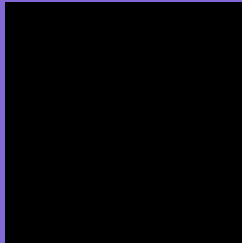
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.2677, 19.6531, 65.3598

Background



This preview shows how black text looks on a background with the XYZ color 26.2677, 19.6531, 65.3598.



This preview shows how white text looks on a background with the XYZ color 26.2677, 19.6531,

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

26.2677, 19.6531, 65.3598

Protanopia

22.7767, 19.9330, 75.3200

Deuteranopia

20.5199, 19.9486, 63.0905



Tritanopia

18.1928, 19.5813, 25.3750

Trichromacy



Original Color

26.2677, 19.6531, 65.3598

Protanomaly

23.4186, 19.4822, 71.6334

Deuteranomaly

21.7405, 19.3070, 63.5535

Tritanomaly

20.5799, 19.2889, 37.2888

Monochromacy



Original Color

26.2677, 19.6531, 65.3598

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

21.3166, 19.9032, 34.6165

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.2677, 19.6531, 65.3598 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(130, 105, 213)` looks like.

```
.text, #text, p{  
    color:rgb(130, 105, 213)  
}
```

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(130, 105, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 105, 213) }
```

Border

The CSS property to change the border of an element to XYZ 26.2677, 19.6531, 65.3598 is called "border". The border property can be set on classes, ids or directly on the HTML element.

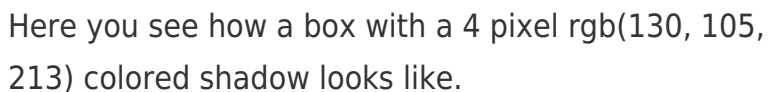
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(130, 105, 213) }
```


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

```
.border{ border-color:rgb(130, 105, 213) }
```

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



Here you see how a box with a 4 pixel `rgb(130, 105, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(130, 105, 213); -webkit-box-shadow:4px 4px 4px 4px rgb(130, 105, 213); box-shadow:4px 4px 4px 4px rgb(130, 105, 213) }
```

Background

The CSS property to change the background color of an element to XYZ 26.2677, 19.6531, 65.3598 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 105, 213) }
```

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

```
.background{ background-color: rgb(130,  
105, 213) }
```

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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