

Converting Colors

XYZ(26.1666, 24.3722, 64.6832)

Have a look what the booklet for
XYZ(26.1666, 24.3722, 64.6832)
contains.

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Color

**XYZ(26.1935, 24.3938,
64.9559)**

Conversions

Conversions Part 1

Format	Color
Hex	6C84D3
RGB	108, 132, 211
RGB Percent	42%, 52%, 83%
CMY	0.5765, 0.4823, 0.1725
CMYK	0.49, 0.37, 0.00, 0.17
HSL	226°, 54%, 63%
HSV	226°, 49%, 83%
XYZ	26.1935, 24.3938, 64.9559
YIQ	133.8300, -39.6630, 19.4810

Conversions

Conversions Part 2

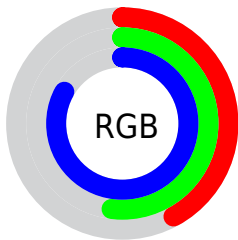
Format	Color
RYB	108, 127, 211
Decimal	7111891
CIELab	56.48, 12.96, -43.40
CIElCh	56, 45.294, 286.633
Yxy	24.3938, 0.2267, 0.2111
Android (android.graphics.Color)	4285301971 (0xFF6C84D3)
YUV	133.8300, 38.0448, -22.6529
Hunter-Lab	49.3901, 8.2329, -43.4028

Details

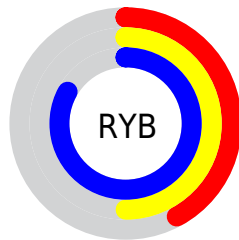
The XYZ color **26.1935, 24.3938, 64.9559** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **47.3424, 50.4742, 21.4361**, and the grayscale version is **22.4737, 23.6441, 25.7485**.

A 20% lighter version of the original color is **50.7088, 49.8104, 101.5495**, and **10.4094, 9.2649, 32.6922** is the 20% darker color. If you saturate the color by 10%, you get **21.9040, 19.1737, 64.1749**, and if you desaturate by 10%, it is **31.4463, 30.6167, 65.8807**.

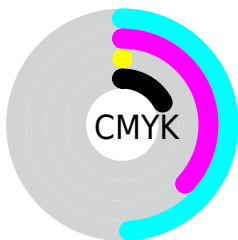
Distribution



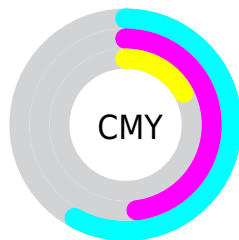
- Red (42%)
- Green (52%)
- Blue (83%)



- Red (42%)
- Yellow (50%)
- Blue (83%)



- Cyan (49%)
- Magenta (37%)
- Yellow (0%)
- Black (17%)



- Cyan (58%)
- Magenta (48%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.1935, 24.3938, 64.9559 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 26.1935, 24.3938, 64.9559 by changing the saturation by 10% instead.

■ 26.1935, 24.3938,
64.9559

■ 26.1935, 24.3938,
64.9559

275.9700,
274.8054, 460.9353

■ 17.1019, 15.6260,
46.9742

■ 53.0160, 50.6721,
113.5991

■ 10.4029, 9.2599,
32.6611

■ 71.4777, 68.9513,
145.0977

■ 5.7312, 4.9111,
21.5979

■ 93.7933, 91.1698,
181.9391

■ 2.7214, 2.1952,
13.3663

120.3284,
117.7120, 224.5416

■ 1.0082, 0.7174,
7.5476

151.4483,
148.9623, 273.3240

■ 0.0000, 0.0000,
3.7232

187.5183,

■ 0.0000, 0.0000,

185.3050, 328.7047

1.4748

228.9037,
227.1246, 391.1023

■ 0.0000, 0.0000,
0.1990

■ 0.0000, 0.0000,
0.0000

■ 26.1935, 24.3938,
64.9559

■ 26.1935, 24.3938,
64.9559

■ 21.9040, 19.1737,
64.1749

■ 31.4463, 30.6167,
65.8807

■ 18.5137, 14.8989,
63.5285

■ 37.7152, 37.8902,
66.9542

■ 15.9550, 11.5100,
63.0092

■ 45.0524, 46.2620,
68.1834

■ 14.1483, 8.9385,
62.6081

■ 53.5058, 55.7762,
69.5743

■ 12.9767, 7.0941,
62.3138

■ 63.1200, 66.4742,
71.1325

■ 12.8630, 6.9133,
62.2849

■ 73.9374, 78.3955,
72.8634

■ 85.7381, 91.4436,
74.7599

■ 88.7580, 97.4832,
75.7665

Harmonies

Analogous

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



20.9314, 24.3938, 65.7321



26.1935, 24.3938, 64.9559



31.3164, 24.3938, 51.7377

Triad

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



26.1935, 24.3938, 64.9559



30.8225, 24.3938, 10.6115



14.6932, 24.3938, 20.4275

Complementary

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



26.1935, 24.3938, 64.9559



47.3424, 50.4742, 21.4361

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.



16.6001, 24.3938, 11.2553



26.1935, 24.3938, 64.9559



25.5960, 24.3938, 7.2060

Square

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



26.1935, 24.3938, 64.9559



34.2524, 24.3938, 19.1220



20.4172, 24.3938, 7.3860



14.8032, 24.3938, 35.7147

Rectangle

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



26.1935, 24.3938, 64.9559



33.7295, 24.3938, 39.7412



20.4172, 24.3938, 7.3860



15.1057, 24.3938, 16.6736

Sweetspot

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



26.1944, 24.3947, 64.9565



73.6955, 76.1424, 105.4205



38.4457, 53.3638, 55.2699



15.2012, 15.6511, 22.4697



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.



26.1944, 24.3947, 64.9565



33.1431, 28.8364, 98.4269



27.1886, 20.6194, 64.1754



11.3840, 11.8583, 14.9325



7.8284, 4.3033, 37.6105



0.4999, 0.3651, 2.1237

Inverse Universe

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



36.3922, 26.2412, 24.9774



50.9502, 33.1535, 28.3716



45.6575, 57.8047, 22.9398



11.9200, 11.8527, 12.8545



16.5821, 8.5057, 2.7057



0.9586, 0.4881, 0.3167

Previews

White Background



This preview shows how the XYZ color 26.1935, 24.3938, 64.9559 looks on a white background.

Color Contrast Check

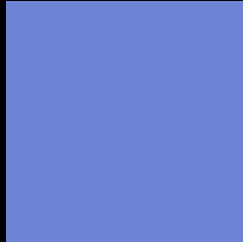
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.1935, 24.3938, 64.9559 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

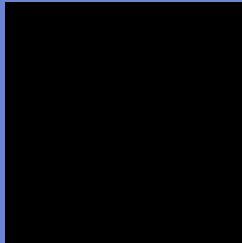
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.1935, 24.3938, 64.9559

Background



This preview shows how black text looks on a background with the XYZ color 26.1935, 24.3938, 64.9559.



This preview shows how white text looks on a background with the XYZ color 26.1935, 24.3938,

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

26.1935, 24.3938, 64.9559

Protanopia

25.9530, 24.2698, 64.9447

Deuteranopia

25.1207, 24.4679, 64.3715



Tritanopia

20.2040, 24.5372, 34.6816

Trichromacy



Original Color

26.1935, 24.3938, 64.9559

Protanomaly

26.0725, 24.3315, 64.9503

Deuteranomaly

25.4135, 24.4127, 64.3454

Tritanomaly

22.0457, 24.3927, 44.1038

Monochromacy



Original Color

26.1935, 24.3938, 64.9559

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

23.3666, 23.7437, 37.5339

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.1935, 24.3938, 64.9559 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(108, 132, 211)` looks like.

```
.text, #text, p{  
    color:rgb(108, 132, 211)  
}
```

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(108, 132, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 132, 211) }
```

Border

The CSS property to change the border of an element to XYZ 26.1935, 24.3938, 64.9559 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(108, 132, 211) }
```


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

```
.border{ border-color:rgb(108, 132, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 132, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 132, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 132, 211);  
box-shadow:4px 4px 4px 4px rgb(108, 132,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 26.1935, 24.3938, 64.9559 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 132, 211) }
```

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

```
.background{ background-color: rgb(108,  
132, 211) }
```

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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