

Converting Colors

XYZ(26.5509, 23.4919, 69.4647)

Have a look what the booklet for
XYZ(26.5509, 23.4919, 69.4647)
contains.

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Color

**XYZ(26.5509, 23.4919,
69.4647)**

Conversions

Conversions Part 1

Format	Color
Hex	6D7FDA
RGB	109, 127, 218
RGB Percent	43%, 50%, 85%
CMY	0.5725, 0.5020, 0.1451
CMYK	0.50, 0.42, 0.00, 0.15
HSL	230°, 60%, 64%
HSV	230°, 50%, 85%
XYZ	26.5509, 23.4919, 69.4647
YIQ	131.9920, -39.9390, 24.4850

Conversions

Conversions Part 2

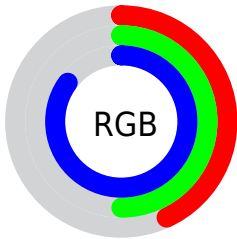
Format	Color
R _Y B	109, 124, 218
Decimal	7176154
CIE Lab	55.58, 18.34, -48.77
CIE LCh	56, 52.100, 290.606
Yxy	23.4919, 0.2222, 0.1966
Android (android.graphics.Color)	4285366234 (0xFF6D7FDA)
YUV	131.9920, 42.4019, -20.1640
Hunter-Lab	48.4684, 12.9621, -51.0462

Details

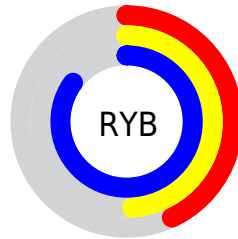
The XYZ color **26.5509, 23.4919, 69.4647** is a dark color, and the websafe version is hex **6699FF**. A complement of this color would be **52.3293, 57.3200, 22.7751**, and the grayscale version is **21.7924, 22.9273, 24.9679**.

A 20% lighter version of the original color is **49.8960, 47.5672, 101.1593**, and **10.5126, 8.7104, 35.3096** is the 20% darker color. If you saturate the color by 10%, you get **22.0521, 17.9930, 68.6409**, and if you desaturate by 10%, it is **32.1412, 30.1844, 70.4623**.

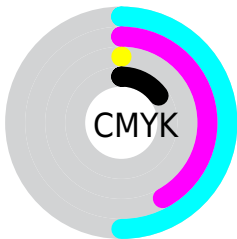
Distribution



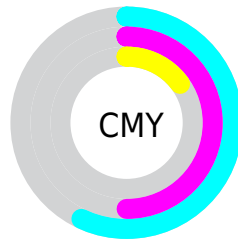
- Red (43%)
- Green (50%)
- Blue (85%)



- Red (43%)
- Yellow (49%)
- Blue (85%)



- Cyan (50%)
- Magenta (42%)
- Yellow (0%)
- Black (15%)



- Cyan (57%)
- Magenta (50%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.5509, 23.4919, 69.4647 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 26.5509, 23.4919, 69.4647 by changing the saturation by 10% instead.

■ 26.5509, 23.4919,
69.4647

■ 26.5509, 23.4919,
69.4647

277.6834,
270.2415, 477.4065

■ 17.3711, 14.9571,
50.6161

■ 53.5874, 49.1998,
120.1190

■ 10.5963, 8.7893,
35.5286

■ 72.1747, 67.1417,
152.7618

■ 5.8614, 4.6040,
23.7835

■ 94.6285, 88.9881,
190.8399

■ 2.8008, 2.0169,
14.9624

121.3143,
115.1234, 234.7716

■ 1.0493, 0.6172,
8.6467

152.5973,
145.9320, 284.9756

■ 0.0000, 0.0000,
4.4178

188.8429,

■ 0.0000, 0.0000,

181.7983, 341.8704

1.8572

230.4165,
223.1067, 405.8745

■ 0.0000, 0.0000,
0.4653

■ 0.0000, 0.0000,
0.0000

■ 26.5509, 23.4919,
69.4647

■ 26.5509, 23.4919,
69.4647

■ 22.0521, 17.9930,
68.6409

■ 32.1412, 30.1844,
70.4623

■ 18.5689, 13.6138,
67.9792

■ 38.8862, 38.1336,
71.6412

■ 16.0201, 10.2754,
67.4692

■ 46.8477, 47.4009,
73.0103

■ 14.3101, 7.8873,
67.0984

■ 56.0821, 58.0430,
74.5777

■ 13.2859, 6.3237,
66.8505

■ 66.6424, 70.1132,
76.3509

■ 13.2857, 6.3235,
66.8505

■ 78.5785, 83.6621,
78.3370

■ 89.4656, 97.4631,
80.4271

■ 89.6550, 97.8420,
80.4902

Harmonies

Analogous

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



20.5325, 23.4919, 72.7028



26.5509, 23.4919, 69.4647



32.2609, 23.4919, 52.1401

Triad

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



26.5509, 23.4919, 69.4647



30.3044, 23.4919, 7.8224



12.9241, 23.4919, 20.6470

Complementary

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



26.5509, 23.4919, 69.4647



52.3293, 57.3200, 22.7751

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.



14.6776, 23.4919, 10.0351



26.5509, 23.4919, 69.4647



24.2260, 23.4919, 5.0810

Square

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



26.5509, 23.4919, 69.4647



34.6786, 23.4919, 15.7870



18.5790, 23.4919, 5.6594



13.3255, 23.4919, 38.7588

Rectangle

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



26.5509, 23.4919, 69.4647



34.7885, 23.4919, 37.9148



18.5790, 23.4919, 5.6594



13.2676, 23.4919, 16.2587

Sweetspot

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



26.5518, 23.4927, 69.4653



72.9963, 74.7439, 105.1874



41.7849, 57.5571, 63.4497



15.0349, 15.3183, 22.4143



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.



26.5518, 23.4927, 69.4653



31.1529, 25.2915, 97.8476



29.8606, 22.0506, 69.0125



12.5115, 12.9628, 16.4948



8.0120, 3.8934, 40.0676



0.5734, 0.3610, 2.6139

Inverse Universe

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



38.2137, 27.3762, 23.3493



49.8393, 32.3019, 23.7767



47.0454, 61.1522, 23.7933



13.1433, 13.0864, 14.0159



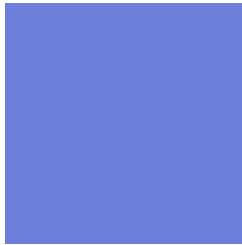
17.5394, 9.0168, 1.9546



1.1637, 0.5951, 0.2712

Previews

White Background



This preview shows how the XYZ color 26.5509, 23.4919, 69.4647 looks on a white background.

Color Contrast Check

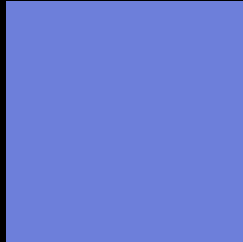
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.5509, 23.4919, 69.4647 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

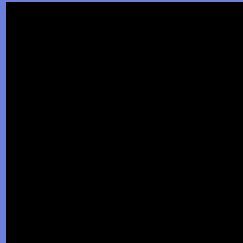
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.5509, 23.4919, 69.4647

Background



This preview shows how black text looks on a background with the XYZ color 26.5509, 23.4919, 69.4647.



This preview shows how white text looks on a background with the XYZ color 26.5509, 23.4919,

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

26.5509, 23.4919, 69.4647

Protanopia

25.7531, 23.6186, 71.6081

Deuteranopia

24.3053, 23.5341, 68.9072



Tritanopia

19.2991, 23.4244, 33.6412

Trichromacy



Original Color

26.5509, 23.4919, 69.4647

Protanomaly

26.0241, 23.5771, 70.8894

Deuteranomaly

24.9551, 23.4665, 68.8599

Tritanomaly

21.5638, 23.2694, 44.9499

Monochromacy



Original Color

26.5509, 23.4919, 69.4647

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

22.9057, 22.8947, 37.8622

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.5509, 23.4919, 69.4647 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(109, 127, 218)` looks like.

```
.text, #text, p{  
    color:rgb(109, 127, 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(109, 127, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 127, 218) }
```

Border

The CSS property to change the border of an element to XYZ 26.5509, 23.4919, 69.4647 is called "border". The border property can be set on classes, ids or directly on the HTML element.

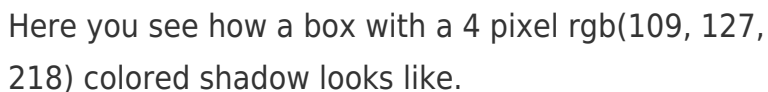
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(109, 127, 218) }
```


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

```
.border{ border-color:rgb(109, 127, 218) }
```

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



Here you see how a box with a 4 pixel `rgb(109, 127, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(109, 127, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(109, 127, 218); box-shadow:4px 4px 4px 4px rgb(109, 127, 218) }
```

Background

The CSS property to change the background color of an element to XYZ 26.5509, 23.4919, 69.4647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 127, 218) }
```

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

```
.background{ background-color: rgb(109,  
127, 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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