

Converting Colors

XYZ(26.6820, 25.0040, 59.3790)

Have a look what the booklet for
XYZ(26.6820, 25.0040, 59.3790)
contains.

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Color

**XYZ(26.6559, 24.9613,
59.2902)**

Conversions

Conversions Part 1

Format	Color
Hex	7785CA
RGB	119, 133, 202
RGB Percent	47%, 52%, 79%
CMY	0.5333, 0.4784, 0.2078
CMYK	0.41, 0.34, 0.00, 0.21
HSL	230°, 44%, 63%
HSV	230°, 41%, 79%
XYZ	26.6559, 24.9613, 59.2902
YIQ	136.6800, -30.4930, 18.4910

Conversions

Conversions Part 2

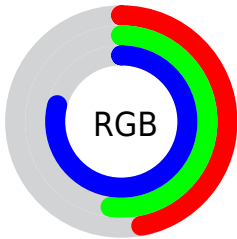
Format	Color
R _Y B	119, 131, 202
Decimal	7833034
CIE Lab	57.04, 12.46, -37.39
CIE LCh	57, 39.415, 288.435
Yxy	24.9613, 0.2403, 0.2251
Android (android.graphics.Color)	4286023114 (0xFF7785CA)
YUV	136.6800, 32.2028, -15.5054
Hunter-Lab	49.9613, 7.8031, -35.3879

Details

The XYZ color **26.6559, 24.9613, 59.2902** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **45.6707, 49.8556, 24.6697**, and the grayscale version is **23.5486, 24.7750, 26.9800**.

A 20% lighter version of the original color is **53.0645, 51.3365, 101.7199**, and **10.6956, 9.6026, 29.3067** is the 20% darker color. If you saturate the color by 10%, you get **22.0544, 19.4451, 58.4685**, and if you desaturate by 10%, it is **32.2159, 31.5182, 60.2632**.

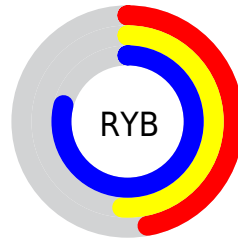
Distribution



Red (47%)

Green (52%)

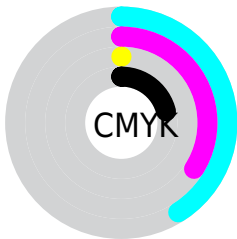
Blue (79%)



Red (47%)

Yellow (51%)

Blue (79%)

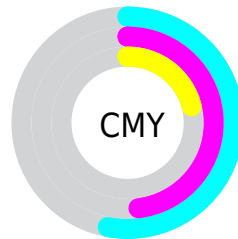


Cyan (41%)

Magenta (34%)

Yellow (0%)

Black (21%)



Cyan (53%)

Magenta (48%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.6559, 24.9613, 59.2902 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 26.6559, 24.9613, 59.2902 by changing the saturation by 10% instead.

■ 26.6559, 24.9613,
59.2902

■ 26.6559, 24.9613,
59.2902

278.1852,
277.6452, 439.7083

■ 17.4502, 16.0482,
42.4252

■ 53.7550, 51.5944,
105.3326

■ 10.6533, 9.5583,
29.1063

■ 72.3791, 70.0833,
135.3471

■ 5.8998, 5.1071,
18.9150

■ 94.8734, 92.5328,
170.5818

■ 2.8243, 2.3102,
11.4327

121.6033,
119.3275, 211.4554

■ 1.0615, 0.7791,
6.2408

152.9340,
150.8517, 258.3862

■ 0.0000, 0.0000,
2.9209

189.2310,

■ 0.0000, 0.0000,

187.4898, 311.7930

1.0544

230.8596,
229.6261, 372.0942

■ 0.0000, 0.0000,
0.0000

■ 26.6559, 24.9613,
59.2902

■ 26.6559, 24.9613,
59.2902

■ 22.0544, 19.4451,
58.4685

■ 32.2159, 31.5182,
60.2632

■ 18.3537, 14.9125,
57.7886

■ 38.7823, 39.1633,
61.3928

■ 15.4938, 11.3051,
57.2431

■ 46.4031, 47.9445,
62.6861

■ 13.4059, 8.5570,
56.8227

■ 55.1223, 57.9058,
64.1493

■ 12.0102, 6.5928,
56.5171

■ 64.9813, 69.0891,
65.7882

■ 11.2349, 5.4125,
56.3301

■ 76.0195, 81.5341,
67.6086

■ 86.2583, 94.2394,
69.5213

■ 87.6608, 97.0443,
69.9888

Harmonies

Analogous

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



21.9829, 24.9613, 60.6315



26.6559, 24.9613, 59.2902



31.0363, 24.9613, 47.8704

Triad

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



26.6559, 24.9613, 59.2902



30.1419, 24.9613, 12.2067



16.0219, 24.9613, 22.3765

Complementary

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



26.6559, 24.9613, 59.2902



45.6707, 49.8556, 24.6697

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.



17.6628, 24.9613, 13.5193



26.6559, 24.9613, 59.2902



25.5567, 24.9613, 9.0594

Square

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



26.6559, 24.9613, 59.2902



33.2226, 24.9613, 19.8808



21.0172, 24.9613, 9.4452



16.2355, 24.9613, 36.0740

Rectangle

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



26.6559, 24.9613, 59.2902



33.0146, 24.9613, 37.6795



21.0172, 24.9613, 9.4452



16.3652, 24.9613, 18.8361

Sweetspot

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



26.6568, 24.9622, 59.2908



77.0895, 79.4811, 105.8861



37.6754, 49.7422, 54.5083



16.1177, 16.5727, 22.5993



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.



26.6568, 24.9622, 59.2908



38.3505, 34.1435, 99.1768



28.9854, 23.5044, 58.8867



10.7521, 11.1447, 14.1548



7.2743, 3.5725, 36.2624



0.4239, 0.2816, 1.8870

Inverse Universe

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



35.1883, 27.4446, 25.6339



54.8254, 39.4770, 34.0620



42.2915, 52.7707, 25.4105



11.2883, 11.2440, 12.0526



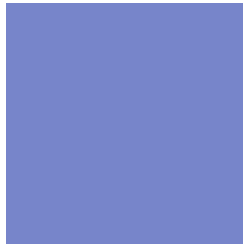
15.8826, 8.1636, 1.8346



0.8439, 0.4310, 0.2240

Previews

White Background



This preview shows how the XYZ color 26.6559, 24.9613, 59.2902 looks on a white background.

Color Contrast Check

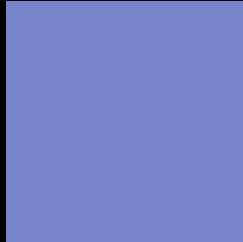
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.6559, 24.9613, 59.2902 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 26.6559, 24.9613, 59.2902

Background



This preview shows how black text looks on a background with the XYZ color 26.6559, 24.9613, 59.2902.



This preview shows how white text looks on a background with the XYZ color 26.6559, 24.9613,

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

26.6559, 24.9613, 59.2902

Protanopia

26.1146, 24.8727, 59.9244

Deuteranopia

25.6534, 25.0766, 58.7465



Tritanopia

21.7186, 25.1038, 34.2727

Trichromacy



Original Color

26.6559, 24.9613, 59.2902

Protanomaly

26.3748, 25.0068, 59.9366

Deuteranomaly

26.0166, 25.0557, 58.7233

Tritanomaly

23.1388, 24.7850, 42.0925

Monochromacy



Original Color

26.6559, 24.9613, 59.2902

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

24.4431, 24.9274, 37.2414

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.6559, 24.9613, 59.2902 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(119, 133, 202)` looks like.

```
.text, #text, p{  
    color:rgb(119, 133, 202)  
}
```

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(119, 133, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 133, 202) }
```

Border

The CSS property to change the border of an element to XYZ 26.6559, 24.9613, 59.2902 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(119, 133, 202) }
```


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

```
.border{ border-color:rgb(119, 133, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 133, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 133, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 133, 202);  
box-shadow:4px 4px 4px 4px rgb(119, 133,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 26.6559, 24.9613, 59.2902 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 133, 202) }
```

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

```
.background{ background-color: rgb(119,  
133, 202) }
```

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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