

Converting Colors

XYZ(29.0598, 27.0206, 64.0707)

Have a look what the booklet for
XYZ(29.0598, 27.0206, 64.0707)
contains.

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Color

**XYZ(29.0585, 26.9304,
63.9881)**

Conversions

Conversions Part 1

Format	Color
Hex	7E89D1
RGB	126, 137, 209
RGB Percent	49%, 54%, 82%
CMY	0.5059, 0.4627, 0.1804
CMYK	0.40, 0.34, 0.00, 0.18
HSL	232°, 47%, 66%
HSV	232°, 40%, 82%
XYZ	29.0585, 26.9304, 63.9881
YIQ	141.9190, -29.6680, 20.0600

Conversions

Conversions Part 2

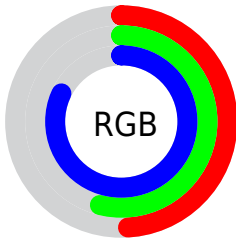
Format	Color
R _Y B	126, 136, 209
Decimal	8292817
CIE Lab	58.91, 13.95, -38.37
CIE LCh	59, 40.825, 289.975
Yxy	26.9304, 0.2422, 0.2245
Android (android.graphics.Color)	4286482897 (0xFF7E89D1)
YUV	141.9190, 33.0709, -13.9610
Hunter-Lab	51.8945, 9.1363, -36.7809

Details

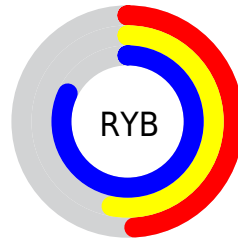
The XYZ color **29.0585, 26.9304, 63.9881** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **50.2555, 55.4511, 27.7944**, and the grayscale version is **25.5618, 26.8930, 29.2865**.

A 20% lighter version of the original color is **55.5195, 53.8707, 102.0796**, and **11.9134, 10.5272, 31.9759** is the 20% darker color. If you saturate the color by 10%, you get **23.9282, 20.7762, 63.0711**, and if you desaturate by 10%, it is **35.2676, 34.2846, 65.0809**.

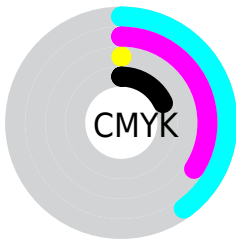
Distribution



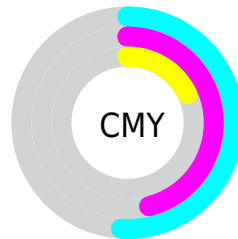
- Red (49%)
- Green (54%)
- Blue (82%)



- Red (49%)
- Yellow (53%)
- Blue (82%)



- Cyan (40%)
- Magenta (34%)
- Yellow (0%)
- Black (18%)



- Cyan (51%)
- Magenta (46%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.0585, 26.9304, 63.9881 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 29.0585, 26.9304, 63.9881 by changing the saturation by 10% instead.

■ 29.0585, 26.9304,
63.9881

■ 29.0585, 26.9304,
63.9881

289.4801,
287.3200, 457.3529

■ 19.2696, 17.5210,
46.1949

■ 57.5669, 54.7722,
112.1931

■ 11.9704, 10.6066,
32.0499

■ 77.0172, 73.9733,
143.4420

■ 6.7956, 5.8030,
21.1345

■ 100.4185, 97.2071,
180.0132

■ 3.3798, 2.7256,
13.0301

128.1364,
124.8579, 222.3253

■ 1.3576, 0.9902,
7.3183

160.5362,
157.3102, 270.7967

■ 0.2257, 0.0000,
3.5805

197.9831,

■ 0.0000, 0.0000,

194.9484, 325.8462

1.3982

240.8426,
238.1569, 387.8920

■ 0.0000, 0.0000,
0.1403

■ 0.0000, 0.0000,
0.0000

■ 29.0585, 26.9304,
63.9881

■ 29.0585, 26.9304,
63.9881

■ 23.9282, 20.7762,
63.0711

■ 35.2676, 34.2846,
65.0809

■ 19.8118, 15.7549,
62.3189

■ 42.6096, 42.8951,
66.3559

■ 16.6416, 11.7974,
61.7221

■ 51.1385, 52.8181,
67.8217

■ 14.3408, 8.8255,
61.2697

■ 60.9038, 64.1057,
69.4857

■ 12.8195, 6.7499,
60.9493

■ 71.9524, 76.8071,
71.3550

■ 11.9367, 5.4483,
60.7446

■ 84.3287, 90.9688,
73.4362

■ 11.9168, 5.4196,
60.7401

■ 88.5087, 97.3835,
74.4540

Harmonies

Analogous

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



23.9433, 26.9304, 66.1110



29.0585, 26.9304, 63.9881



33.7744, 26.9304, 51.0869

Triad

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



29.0585, 26.9304, 63.9881



32.3621, 26.9304, 12.7680



17.1767, 26.9304, 24.7436

Complementary

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



29.0585, 26.9304, 63.9881



50.2555, 55.4511, 27.7944

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.



18.8584, 26.9304, 14.8289



29.0585, 26.9304, 63.9881



27.3242, 26.9304, 9.5799

Square

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



29.0585, 26.9304, 63.9881



35.8488, 26.9304, 20.8127



22.4211, 26.9304, 10.1842



17.5130, 26.9304, 39.8838

Rectangle

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



29.0585, 26.9304, 63.9881



35.8451, 26.9304, 39.9121



22.4211, 26.9304, 10.1842



17.5152, 26.9304, 20.7944

Sweetspot

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



29.0595, 26.9314, 63.9887



76.7833, 78.8688, 105.7840



41.5909, 54.1114, 61.6389



16.0463, 16.4297, 22.5755



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.



29.0595, 26.9314, 63.9887



38.3788, 33.6120, 99.0727



32.7649, 26.6377, 63.7368



11.2882, 11.6666, 14.9006



7.3886, 3.4238, 37.4639



0.4554, 0.2761, 2.1089

Inverse Universe

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



38.2716, 30.2843, 27.4961



54.9833, 40.0899, 33.1987



45.0576, 56.6401, 28.2978



11.8716, 11.8334, 12.5997



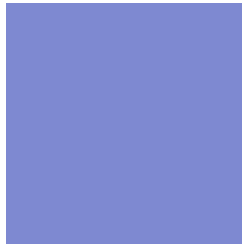
16.3602, 8.4169, 1.5368



0.9361, 0.4792, 0.1984

Previews

White Background



This preview shows how the XYZ color 29.0585, 26.9304, 63.9881 looks on a white background.

Color Contrast Check

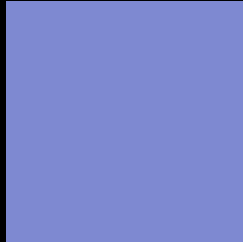
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.0585, 26.9304, 63.9881 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

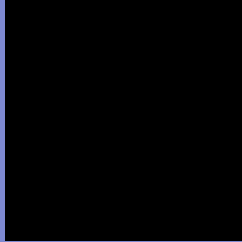
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.0585, 26.9304, 63.9881

Background



This preview shows how black text looks on a background with the XYZ color 29.0585, 26.9304, 63.9881.



This preview shows how white text looks on a background with the XYZ color 29.0585, 26.9304,

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

29.0585, 26.9304, 63.9881

Protanopia

28.3266, 26.9503, 65.3370

Deuteranopia

27.7201, 27.1145, 63.4471



Tritanopia

23.6312, 26.9480, 36.7569

Trichromacy



Original Color

29.0585, 26.9304, 63.9881

Protanomaly

28.4671, 26.8232, 64.6498

Deuteranomaly

28.2345, 27.1618, 63.4291

Tritanomaly

25.2295, 26.6708, 45.4132

Monochromacy



Original Color

29.0585, 26.9304, 63.9881

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

26.4144, 26.7436, 39.8462

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.0585, 26.9304, 63.9881 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, 137, 209)` looks like.

```
.text, #text, p{  
    color:rgb(126, 137, 209)  
}
```

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, 137, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 137, 209) }
```

Border

The CSS property to change the border of an element to XYZ 29.0585, 26.9304, 63.9881 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, 137, 209) }
```


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

```
.border{ border-color:rgb(126, 137, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 137, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 137, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 137, 209);  
box-shadow:4px 4px 4px 4px rgb(126, 137,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 29.0585, 26.9304, 63.9881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 137, 209) }
```

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

```
.background{ background-color: rgb(126,  
137, 209) }
```

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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