

Converting Colors

XYZ(26.5700, 17.0302, 59.0135)

Have a look what the booklet for
XYZ(26.5700, 17.0302, 59.0135)
contains.

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Color

**XYZ(26.5700, 17.0302,
59.0135)**

Conversions

Conversions Part 1

Format	Color
Hex	9653CC
RGB	150, 83, 204
RGB Percent	59%, 33%, 80%
CMY	0.4118, 0.6745, 0.2000
CMYK	0.26, 0.59, 0.00, 0.20
HSL	273°, 54%, 56%
HSV	273°, 59%, 80%
XYZ	26.5700, 17.0302, 59.0135
YIQ	116.8270, 1.0910, 51.8350

Conversions

Conversions Part 2

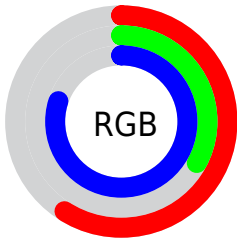
Format	Color
R_{YB}	150, 83, 204
Decimal	9851852
CIE _{Lab}	48.30, 49.78, -52.21
CIE _{LCh}	48, 72.137, 313.639
Yxy	17.0302, 0.2589, 0.1660
Android (android.graphics.Color)	4288041932 (0xFF9653CC)
YUV	116.8270, 42.9763, 29.0927
Hunter-Lab	41.2677, 42.7080, -55.8984

Details

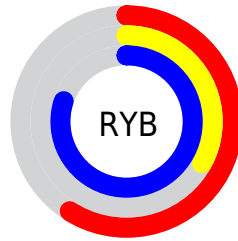
The XYZ color **26.5700, 17.0302, 59.0135** is a dark color, and the websafe version is hex **9966CC**. The color can be described as middle muted purple. A complement of this color would be **33.4711, 49.1290, 15.9029**, and the grayscale version is **16.7269, 17.5980, 19.1642**.

A 20% lighter version of the original color is **52.4461, 37.8133, 99.1422**, and **10.6341, 5.5828, 28.9509** is the 20% darker color. If you saturate the color by 10%, you get **23.6220, 13.5246, 58.4925**, and if you desaturate by 10%, it is **30.1087, 21.5223, 59.6944**.

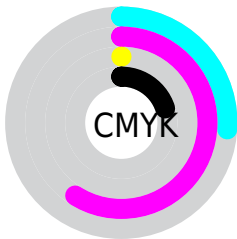
Distribution



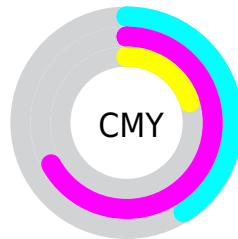
- Red (59%)
- Green (33%)
- Blue (80%)



- Red (59%)
- Yellow (33%)
- Blue (80%)



- Cyan (26%)
- Magenta (59%)
- Yellow (0%)
- Black (20%)



- Cyan (41%)
- Magenta (67%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.5700, 17.0302, 59.0135 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 26.5700, 17.0302, 59.0135 by changing the saturation by 10% instead.

■ 26.5700, 17.0302,
59.0135

■ 26.5700, 17.0302,
59.0135

277.7747,
235.3464, 438.6552

■ 17.3855, 10.2560,
42.2039

■ 53.6179, 38.3777,
104.9266

■ 10.6067, 5.5690,
28.9342

■ 72.2119, 53.7198,
134.8672

■ 5.8684, 2.5848,
18.7859

■ 94.6731, 72.6867,
170.0218

■ 2.8051, 0.9191,
11.3404

■ 121.3669, 95.6627,
210.8091

■ 1.0515, 0.0000,
6.1793

■ 152.6586,
123.0323, 257.6476

■ 0.0000, 0.0000,
2.8838

188.9136,

■ 0.0000, 0.0000,

155.1798, 310.9557

1.0356

230.4972,
192.4897, 371.1521

■ 0.0000, 0.0000,
0.0000

■ 26.5700, 17.0302,
59.0135

■ 26.5700, 17.0302,
59.0135

■ 23.6220, 13.5246,
58.4925

■ 30.1087, 21.5223,
59.6944

■ 21.2179, 10.9190,
58.1163

■ 34.2754, 27.0735,
60.5463

■ 19.3064, 9.1141,
57.8687

■ 39.1063, 33.7518,
61.5807

■ 17.8001, 7.9398,
57.7214

■ 44.6343, 41.6185,
62.8077

■ 17.7041, 7.8677,
57.7126

■ 50.8896, 50.7307,
64.2369

■ 57.9009, 61.1415,
65.8768

■ 65.6949, 72.9010,
67.7358

■ 74.2972, 86.0565,
69.8217

■ 79.9179, 93.0252,
70.8706

Harmonies

Analogous

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



19.3538, 17.0302, 80.6552



26.5700, 17.0302, 59.0135



31.5954, 17.0302, 30.7231

Triad

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



26.5700, 17.0302, 59.0135



20.0146, 17.0302, 0.9828



6.7486, 17.0302, 28.4554

Complementary

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



26.5700, 17.0302, 59.0135



33.4711, 49.1290, 15.9029

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.



6.8357, 17.0302, 10.1011



26.5700, 17.0302, 59.0135



13.3855, 17.0302, 0.9207

Square

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



26.5700, 17.0302, 59.0135



27.1652, 17.0302, 3.1008



8.9370, 17.0302, 2.7462



8.6543, 17.0302, 56.4214

Rectangle

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



26.5700, 17.0302, 59.0135



32.3611, 17.0302, 16.3391



8.9370, 17.0302, 2.7462



6.5656, 17.0302, 20.9366

Sweetspot

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



26.5707, 17.0308, 59.0139



74.9764, 70.4499, 104.2543



23.4767, 24.2188, 60.5644



15.4359, 14.1982, 22.1769



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.



26.5707, 17.0308, 59.0139



37.9961, 21.1328, 96.6842



38.1828, 23.0993, 55.8424



11.1858, 11.1451, 14.1320



11.2517, 5.0080, 36.3299



0.6670, 0.3030, 1.8783

Inverse Universe

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



32.5109, 20.8305, 25.9744



49.5807, 28.5090, 33.7890



26.9659, 45.7472, 16.8716



11.4169, 11.2955, 12.7300



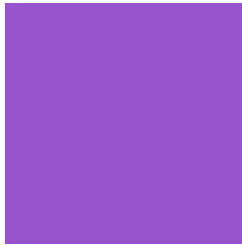
16.9085, 8.5740, 7.2370



0.9103, 0.4575, 0.5735

Previews

White Background



This preview shows how the XYZ color 26.5700, 17.0302, 59.0135 looks on a white background.

Color Contrast Check

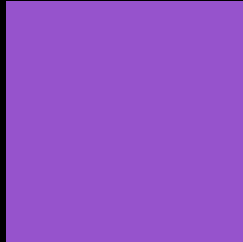
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 26.5700, 17.0302, 59.0135 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

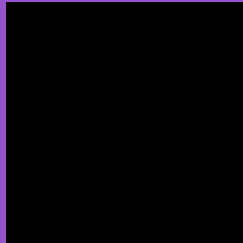
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 26.5700, 17.0302, 59.0135

Background



This preview shows how black text looks on a background with the XYZ color 26.5700, 17.0302, 59.0135.



This preview shows how white text looks on a background with the XYZ color 26.5700, 17.0302,

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

26.5700, 17.0302, 59.0135

Protanopia

20.7933, 17.4587, 79.3647

Deuteranopia

17.7396, 17.2521, 55.2183



Tritanopia

18.4018, 16.9272, 18.8204

Trichromacy



Original Color

26.5700, 17.0302, 59.0135

Protanomaly

20.3643, 15.8834, 71.0997

Deuteranomaly

19.4001, 16.1455, 56.7375

Tritanomaly

20.5282, 16.4489, 30.1100

Monochromacy



Original Color

26.5700, 17.0302, 59.0135

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

19.5297, 16.9402, 30.6742

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.5700, 17.0302, 59.0135 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(150, 83, 204)` looks like.

```
.text, #text, p{  
    color:rgb(150, 83, 204)  
}
```

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(150, 83, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 83, 204) }
```

Border

The CSS property to change the border of an element to XYZ 26.5700, 17.0302, 59.0135 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(150, 83, 204) }
```


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

```
.border{ border-color:rgb(150, 83, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 83, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 83, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 83, 204);  
box-shadow:4px 4px 4px 4px rgb(150, 83,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 26.5700, 17.0302, 59.0135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 83, 204) }
```

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

```
.background{ background-color: rgb(150, 83,  
204) }
```

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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