

Converting Colors

XYZ(26.7720, 17.5049, 59.7286)

Have a look what the booklet for
XYZ(26.7720, 17.5049, 59.7286)
contains.

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Color

**XYZ(26.7417, 17.4529,
59.7169)**

Conversions

Conversions Part 1

Format	Color
Hex	9556CD
RGB	149, 86, 205
RGB Percent	58%, 34%, 80%
CMY	0.4157, 0.6627, 0.1961
CMYK	0.27, 0.58, 0.00, 0.20
HSL	272°, 54%, 57%
HSV	272°, 58%, 80%
XYZ	26.7417, 17.4529, 59.7169
YIQ	118.4030, -0.6510, 50.3650

Conversions

Conversions Part 2

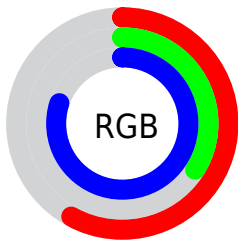
Format	Color
R_{YB}	149, 86, 205
Decimal	9787085
CIE _{Lab}	48.83, 48.21, -51.94
CIE _{LCh}	49, 70.868, 312.867
Yxy	17.4529, 0.2574, 0.1680
Android (android.graphics.Color)	4287977165 (0xFF9556CD)
YUV	118.4030, 42.6923, 26.8336
Hunter-Lab	41.7767, 41.1506, -55.5073

Details

The XYZ color **26.7417, 17.4529, 59.7169** 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 **34.6665, 50.0855, 16.6449**, and the grayscale version is **17.2172, 18.1139, 19.7260**.

A 20% lighter version of the original color is **52.5921, 38.5188, 99.2707**, and **10.7221, 5.7838, 29.4054** is the 20% darker color. If you saturate the color by 10%, you get **23.6458, 13.7660, 59.1687**, and if you desaturate by 10%, it is **30.4542, 22.1549, 60.4291**.

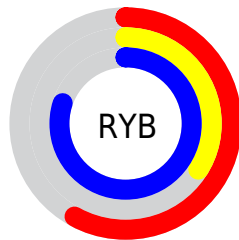
Distribution



Red (58%)

Green (34%)

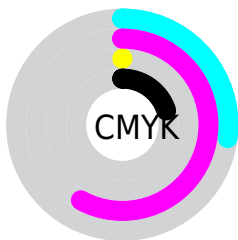
Blue (80%)



Red (58%)

Yellow (34%)

Blue (80%)

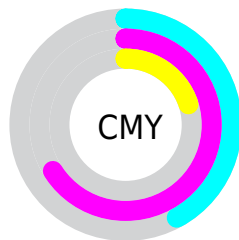


Cyan (27%)

Magenta (58%)

Yellow (0%)

Black (20%)



Cyan (42%)

Magenta (66%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.7417, 17.4529, 59.7169 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 26.7417, 17.4529, 59.7169 by changing the saturation by 10% instead.

■ 26.7417, 17.4529,
59.7169

■ 26.7417, 17.4529,
59.7169

278.5947,
237.7690, 441.3291

■ 17.5149, 10.5579,
42.7667

■ 53.8919, 39.1028,
105.9582

■ 10.6999, 5.7704,
29.3721

■ 72.5461, 54.6266,
136.0864

■ 5.9312, 2.7060,
19.1145

■ 95.0734, 73.7954,
171.4444

■ 2.8435, 0.9802,
11.5754

■ 121.8392, 96.9936,
212.4506

■ 1.0716, 0.0000,
6.3362

■ 153.2089,
124.6057, 259.5236

■ 0.0011, 0.0000,
2.9785

189.5478,

■ 0.0000, 0.0000,

157.0160, 313.0821

1.0837

231.2213,
194.6090, 373.5444

■ 0.0000, 0.0000,
0.0000

■ 26.7417, 17.4529,
59.7169

■ 26.7417, 17.4529,
59.7169

■ 23.6458, 13.7660,
59.1687

■ 30.4542, 22.1549,
60.4291

■ 21.1194, 11.0076,
58.7695

■ 34.8208, 27.9445,
61.3165

■ 19.1110, 9.0795,
58.5032

■ 39.8786, 34.8901,
62.3905

■ 17.5452, 7.8364,
58.3458

■ 45.6608, 43.0533,
63.6615

■ 17.2688, 7.6295,
58.3204

■ 52.1983, 52.4916,
65.1387

■ 59.5202, 63.2586,
66.8310

■ 67.6539, 75.4048,
68.7467

■ 76.6255, 88.9780,
70.8938

■ 81.3132, 93.7306,
71.5641

Harmonies

Analogous

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



19.5609, 17.4529, 80.5148



26.7417, 17.4529, 59.7169



31.8096, 17.4529, 31.7650

Triad

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



26.7417, 17.4529, 59.7169



20.5915, 17.4529, 1.1630



7.0754, 17.4529, 28.2429

Complementary

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



26.7417, 17.4529, 59.7169



34.6665, 50.0855, 16.6449

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.



7.2140, 17.4529, 10.2196



26.7417, 17.4529, 59.7169



13.9335, 17.4529, 1.0581

Square

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



26.7417, 17.4529, 59.7169



27.6656, 17.4529, 3.4943



9.3983, 17.4529, 2.9144



8.9506, 17.4529, 55.7269

Rectangle

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



26.7417, 17.4529, 59.7169



32.6572, 17.4529, 17.2520



9.3983, 17.4529, 2.9144



6.9061, 17.4529, 20.8691

Sweetspot

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



26.7424, 17.4536, 59.7173



75.6353, 71.7264, 104.4659



24.7579, 26.1871, 61.5077



15.7510, 14.7270, 22.2624



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.



26.7424, 17.4536, 59.7173



37.4642, 21.1163, 96.7090



39.2865, 23.9477, 59.0624



11.1592, 11.1314, 14.1308



10.8611, 4.8067, 36.3116



0.6475, 0.2929, 1.8774

Inverse Universe

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



33.3874, 21.5881, 27.9982



50.2478, 29.0536, 36.4458



27.4302, 46.3458, 16.7293



11.4284, 11.3001, 12.7905



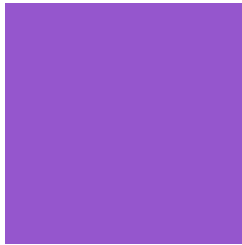
17.0486, 8.6300, 7.9745



0.9178, 0.4605, 0.6128

Previews

White Background



This preview shows how the XYZ color 26.7417, 17.4529, 59.7169 looks on a white background.

Color Contrast Check

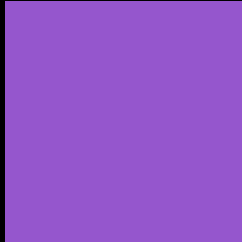
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.7417, 17.4529, 59.7169 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

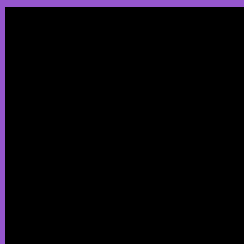
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 26.7417, 17.4529, 59.7169

Background



This preview shows how black text looks on a background with the XYZ color 26.7417, 17.4529, 59.7169.



This preview shows how white text looks on a background with the XYZ color 26.7417, 17.4529,

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

26.7417, 17.4529, 59.7169

Protanopia

21.0872, 17.7896, 78.6663

Deuteranopia

18.2456, 17.6583, 56.4796



Tritanopia

18.6775, 17.5282, 19.5384

Trichromacy



Original Color

26.7417, 17.4529, 59.7169

Protanomaly

21.0956, 16.5522, 71.1903

Deuteranomaly

19.8165, 16.6490, 57.4275

Tritanomaly

20.8062, 16.9983, 31.0386

Monochromacy



Original Color

26.7417, 17.4529, 59.7169

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

19.7123, 17.1772, 31.1307

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.7417, 17.4529, 59.7169 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(149, 86, 205)` looks like.

```
.text, #text, p{  
    color:rgb(149, 86, 205)  
}
```

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(149, 86, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 86, 205) }
```

Border

The CSS property to change the border of an element to XYZ 26.7417, 17.4529, 59.7169 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(149, 86, 205) }
```


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

```
.border{ border-color:rgb(149, 86, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 86, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 86, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 86, 205);  
box-shadow:4px 4px 4px 4px rgb(149, 86,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 26.7417, 17.4529, 59.7169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 86, 205) }
```

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

```
.background{ background-color: rgb(149, 86,  
205) }
```

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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