

Converting Colors

XYZ(25.9824, 17.1470, 38.4999)

Have a look what the booklet for
XYZ(25.9824, 17.1470, 38.4999)
contains.

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Color

**XYZ(26.0047, 17.1920,
38.5070)**

Conversions

Conversions Part 1

Format	Color
Hex	A753A7
RGB	167, 83, 167
RGB Percent	65%, 33%, 65%
CMY	0.3451, 0.6745, 0.3451
CMYK	0.00, 0.50, 0.00, 0.35
HSL	300°, 34%, 49%
HSV	300°, 50%, 65%
XYZ	26.0047, 17.1920, 38.5070
YIQ	117.6920, 23.1000, 43.9320

Conversions

Conversions Part 2

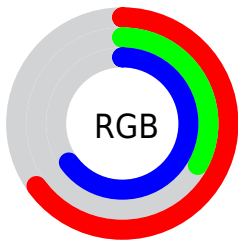
Format	Color
R _Y B	167, 83, 167
Decimal	10965927
CIE Lab	48.50, 46.57, -30.23
CIE LCh	49, 55.522, 327.016
Yxy	17.1920, 0.3183, 0.2104
Android (android.graphics.Color)	4289156007 (0xFFA753A7)
YUV	117.6920, 24.3088, 43.2431
Hunter-Lab	41.4632, 39.3900, -26.0385

Details

The XYZ color **26.0047, 17.1920, 38.5070** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **18.9481, 30.1017, 12.9961**, and the grayscale version is **17.0457, 17.9334, 19.5295**.

A 20% lighter version of the original color is **52.7294, 38.7295, 73.8036**, and **10.3688, 5.6771, 16.7689** is the 20% darker color. If you saturate the color by 10%, you get **24.8777, 14.9377, 38.1314**, and if you desaturate by 10%, it is **27.4406, 20.0633, 38.9859**.

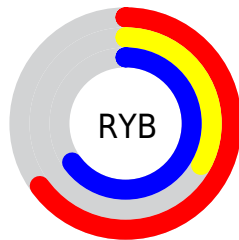
Distribution



Red (65%)

Green (33%)

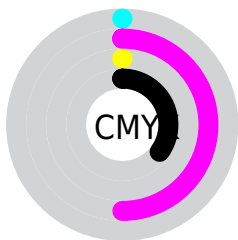
Blue (65%)



Red (65%)

Yellow (33%)

Blue (65%)

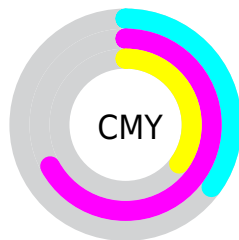


Cyan (0%)

Magenta (50%)

Yellow (0%)

Black (35%)



Cyan (35%)

Magenta (67%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.0047, 17.1920, 38.5070 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 26.0047, 17.1920, 38.5070 by changing the saturation by 10% instead.

■ 26.0047, 17.1920,
38.5070

■ 26.0047, 17.1920,
38.5070

275.0614,
236.2764, 355.1531

■ 16.9599, 10.3715,
26.0715

■ 52.7138, 38.6556,
74.0966

■ 10.3010, 5.6459,
16.6509

■ 71.1087, 54.0675,
98.0878

■ 5.6628, 2.6310,
9.8266

■ 93.3511, 73.1119,
126.7680

■ 2.6798, 0.9423,
5.1800

■ 119.8062, 96.1733,
160.5558

■ 0.9868, 0.0000,
2.2927

■ 150.8394,
123.6360, 199.8696

■ 0.0000, 0.0000,
0.7271

186.8161,

■ 0.0000, 0.0000,

155.8845, 245.1281

0.0000

228.1017,
193.3032, 296.7497

■ 26.0047, 17.1920,
38.5070

■ 26.0047, 17.1920,
38.5070

■ 24.8777, 14.9377,
38.1314

■ 27.4406, 20.0633,
38.9859

■ 24.0354, 13.2531,
37.8506

■ 29.2039, 23.5898,
39.5737

■ 23.4529, 12.0880,
37.6563

■ 31.3136, 27.8093,
40.2771

■ 23.1000, 11.3823,
37.5386

■ 33.7870, 32.7560,
41.1016

■ 22.9117, 11.0057,
37.4757

■ 36.6400, 38.4619,
42.0527

■ 39.8876, 44.9572,
43.1353

■ 43.5441, 52.2702,
44.3543

■ 47.6230, 60.4280,
45.7140

■ 52.1373, 69.4564,
47.2188

Harmonies

Analogous

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



21.2029, 17.1920, 56.4532



26.0047, 17.1920, 38.5070



28.1962, 17.1920, 20.2169

Triad

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



26.0047, 17.1920, 38.5070



16.8554, 17.1920, 2.3599



9.0787, 17.1920, 34.5611

Complementary

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



26.0047, 17.1920, 38.5070



18.9481, 30.1017, 12.9961

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.



8.3842, 17.1920, 17.2973



26.0047, 17.1920, 38.5070



12.2848, 17.1920, 3.2040

Square

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



26.0047, 17.1920, 38.5070



22.2704, 17.1920, 3.6753



9.4275, 17.1920, 7.2284



11.5694, 17.1920, 53.4611

Rectangle

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



26.0047, 17.1920, 38.5070



27.6030, 17.1920, 11.6548



9.4275, 17.1920, 7.2284



8.6532, 17.1920, 28.1810

Sweetspot

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



26.0053, 17.1928, 38.5074



58.2227, 54.0899, 72.8467



13.6363, 10.8163, 37.9290



12.8312, 11.7084, 16.2357



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



26.0053, 17.1928, 38.5074



44.4166, 26.4780, 68.2440



22.7320, 15.8835, 21.2706



7.8419, 7.6666, 9.4848



17.5319, 8.4215, 28.6762



0.4266, 0.2049, 0.6977

Inverse Universe

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



26.0053, 17.1928, 38.5074



44.4166, 26.4780, 68.2440



21.0884, 30.9579, 24.2669



7.8419, 7.6666, 9.4848



17.5319, 8.4215, 28.6762



0.4266, 0.2049, 0.6977

Previews

White Background



This preview shows how the XYZ color 26.0047, 17.1920, 38.5070 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 26.0047, 17.1920, 38.5070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

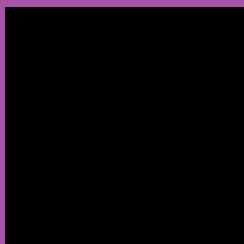
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 26.0047, 17.1920, 38.5070

Background



This preview shows how black text looks on a background with the XYZ color 26.0047, 17.1920, 38.5070.



This preview shows how white text looks on a background with the XYZ color 26.0047, 17.1920,

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

26.0047, 17.1920, 38.5070

Protanopia

19.0980, 17.4995, 52.8232

Deuteranopia

17.7059, 17.3172, 36.1276



Tritanopia

21.2156, 17.1262, 15.5521

Trichromacy



Original Color

26.0047, 17.1920, 38.5070

Protanomaly

20.3425, 16.5408, 47.4679

Deuteranomaly

19.7733, 16.6299, 36.8181

Tritanomaly

22.7109, 17.0686, 22.5196

Monochromacy



Original Color

26.0047, 17.1920, 38.5070

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

19.6489, 17.1150, 25.5605

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.0047, 17.1920, 38.5070 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(167, 83, 167)` looks like.

```
.text, #text, p{  
    color:rgb(167, 83, 167)  
}
```

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(167, 83, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 83, 167) }
```

Border

The CSS property to change the border of an element to XYZ 26.0047, 17.1920, 38.5070 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(167, 83, 167) }
```


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

```
.border{ border-color:rgb(167, 83, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 83, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(167, 83, 167); -webkit-box-shadow:4px 4px 4px 4px rgb(167, 83, 167); box-shadow:4px 4px 4px 4px rgb(167, 83, 167) }
```

Background

The CSS property to change the background color of an element to XYZ 26.0047, 17.1920, 38.5070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 83, 167) }
```

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

```
.background{ background-color: rgb(167, 83,  
167) }
```

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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