

Converting Colors

XYZ(26.5467, 17.4338, 34.9376)

Have a look what the booklet for
XYZ(26.5467, 17.4338, 34.9376)
contains.

XYZ(26.5089, 17.4220, 34.7665)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(26.5089, 17.4220,
34.7665)**

Conversions

Conversions Part 1

Format	Color
Hex	AD529F
RGB	173, 82, 159
RGB Percent	68%, 32%, 62%
CMY	0.3216, 0.6784, 0.3765
CMYK	0.00, 0.53, 0.08, 0.32
HSL	309°, 36%, 50%
HSV	309°, 53%, 68%
XYZ	26.5089, 17.4220, 34.7665
YIQ	117.9870, 29.5190, 43.2390

Conversions

Conversions Part 2

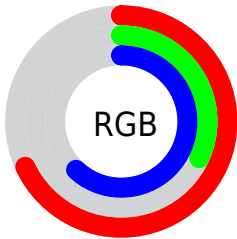
Format	Color
R_{YB}	173, 82, 159
Decimal	11358879
CIE _{Lab}	48.79, 47.42, -25.00
CIE _{LCh}	49, 53.607, 332.207
Yxy	17.4220, 0.3368, 0.2214
Android (android.graphics.Color)	4289548959 (0xFFAD529F)
YUV	117.9870, 20.2194, 48.2464
Hunter-Lab	41.7397, 40.3211, -20.1670

Details

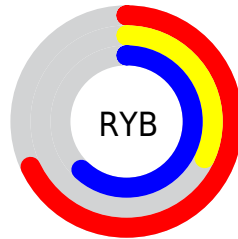
The XYZ color **26.5089, 17.4220, 34.7665** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **20.5354, 32.5262, 16.2634**, and the grayscale version is **17.1487, 18.0417, 19.6474**.

A 20% lighter version of the original color is **53.4347, 39.0060, 68.3309**, and **10.5403, 5.7436, 14.4630** is the 20% darker color. If you saturate the color by 10%, you get **25.1367, 15.0429, 33.1818**, and if you desaturate by 10%, it is **28.2161, 20.4625, 36.4877**.

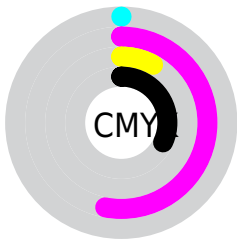
Distribution



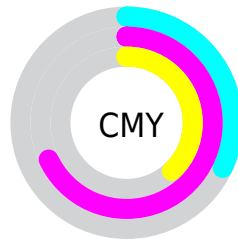
- Red (68%)
- Green (32%)
- Blue (62%)



- Red (68%)
- Yellow (32%)
- Blue (62%)



- Cyan (0%)
- Magenta (53%)
- Yellow (8%)
- Black (32%)



- Cyan (32%)
- Magenta (68%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.5089, 17.4220, 34.7665 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 26.5089, 17.4220, 34.7665 by changing the saturation by 10% instead.

■ 26.5089, 17.4220,
34.7665

■ 26.5089, 17.4220,
34.7665

277.4825,
237.5926, 338.4094

■ 17.3394, 10.5358,
23.2010

■ 53.5203, 39.0499,
68.2713

■ 10.5736, 5.7556,
14.5353

■ 72.0929, 54.5605,
91.0477

■ 5.8460, 2.6971,
8.3509

■ 94.5305, 73.7146,
118.3981

■ 2.7915, 0.9757,
4.2293

■ 121.1986, 96.8967,
150.7411

■ 1.0445, 0.0000,
1.7520

■ 152.4625,
124.4911, 188.4951

■ 0.0000, 0.0000,
0.3960

188.6876,

■ 0.0000, 0.0000,

156.8823, 232.0789

0.0000

230.2391,
194.4547, 281.9107

■ 26.5089, 17.4220,
34.7665

■ 26.5089, 17.4220,
34.7665

■ 25.1367, 15.0429,
33.1818

■ 28.2161, 20.4625,
36.4877

■ 24.0724, 13.2722,
31.7240

■ 30.2793, 24.2070,
38.3521

■ 23.2879, 12.0530,
30.3837

■ 32.7195, 28.6977,
40.3670

■ 22.7486, 11.3165,
29.1492

■ 35.5558, 33.9725,
42.5390

■ 22.4520, 10.9716,
28.2852

■ 38.8060, 40.0668,
44.8740

■ 42.4867, 47.0140,
47.3778

■ 46.6136, 54.8455,
50.0559

■ 51.2017, 63.5910,
52.9132

■ 56.2653, 73.2790,
55.9547

Harmonies

Analogous

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



22.1794, 17.4220, 52.7321



26.5089, 17.4220, 34.7665



28.0330, 17.4220, 17.9373

Triad

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



26.5089, 17.4220, 34.7665



16.1946, 17.4220, 2.6741



9.7298, 17.4220, 37.5664

Complementary

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



26.5089, 17.4220, 34.7665



20.5354, 32.5262, 16.2634

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.



8.7409, 17.4220, 20.0408



26.5089, 17.4220, 34.7665



11.9788, 17.4220, 3.9744

Square

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



26.5089, 17.4220, 34.7665



21.4156, 17.4220, 3.6148



9.4745, 17.4220, 8.8720



12.4986, 17.4220, 54.8387

Rectangle

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



26.5089, 17.4220, 34.7665



27.0501, 17.4220, 10.4064



9.4745, 17.4220, 8.8720



9.2063, 17.4220, 31.2773

Sweetspot

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



26.5095, 17.4228, 34.7669



61.7238, 57.1980, 74.7193



15.3481, 11.5205, 40.9504



13.1946, 12.0223, 16.0706



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



26.5095, 17.4228, 34.7669



44.6977, 26.3972, 59.0201



23.2803, 16.1312, 17.7624



8.2833, 8.1266, 9.8028



16.5111, 8.0670, 20.8689



0.4734, 0.2300, 0.6545

Inverse Universe

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



26.5095, 17.4228, 34.7669



44.6977, 26.3972, 59.0201



23.2429, 33.6092, 30.5209



8.2833, 8.1266, 9.8028



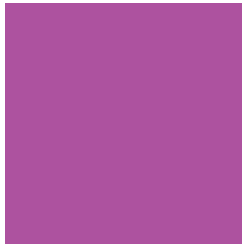
16.5111, 8.0670, 20.8689



0.4734, 0.2300, 0.6545

Previews

White Background



This preview shows how the XYZ color 26.5089, 17.4220, 34.7665 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 26.5089, 17.4220, 34.7665 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

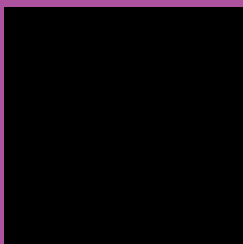
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 26.5089, 17.4220, 34.7665

Background



This preview shows how black text looks on a background with the XYZ color 26.5089, 17.4220, 34.7665.



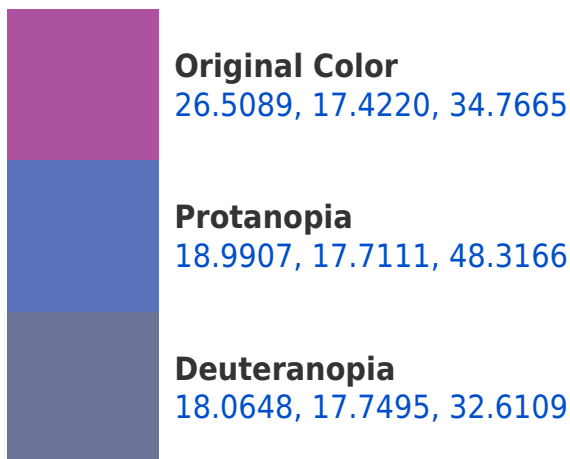
This preview shows how white text looks on a background with the XYZ color 26.5089, 17.4220,

34.7665.

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





Tritanopia

22.4268, 17.3592, 14.7390

Trichromacy



Original Color

26.5089, 17.4220, 34.7665

Protanomaly

20.3336, 16.6304, 43.2126

Deuteranomaly

20.2824, 16.9726, 33.2174

Tritanomaly

23.5935, 17.1774, 20.8109

Monochromacy



Original Color

26.5089, 17.4220, 34.7665

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

19.7664, 17.1999, 24.4684

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.5089, 17.4220, 34.7665 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(173, 82, 159)` looks like.

```
.text, #text, p{  
    color:rgb(173, 82, 159)  
}
```

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(173, 82, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 82, 159) }
```

Border

The CSS property to change the border of an element to XYZ 26.5089, 17.4220, 34.7665 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(173, 82, 159) }
```


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

```
.border{ border-color:rgb(173, 82, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 82, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 82, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 82, 159);  
box-shadow:4px 4px 4px 4px rgb(173, 82,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 26.5089, 17.4220, 34.7665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 82, 159) }
```

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

```
.background{ background-color: rgb(173, 82,  
159) }
```

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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