

Converting Colors

XYZ(35.1799, 26.8306, 53.1939)

Have a look what the booklet for
XYZ(35.1799, 26.8306, 53.1939)
contains.

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Color

**XYZ(35.1673, 26.8232,
53.1930)**

Conversions

Conversions Part 1

Format	Color
Hex	B577C0
RGB	181, 119, 192
RGB Percent	71%, 47%, 75%
CMY	0.2902, 0.5333, 0.2471
CMYK	0.06, 0.38, 0.00, 0.25
HSL	291°, 37%, 61%
HSV	291°, 38%, 75%
XYZ	35.1673, 26.8232, 53.1930
YIQ	145.8600, 13.5190, 35.8470

Conversions

Conversions Part 2

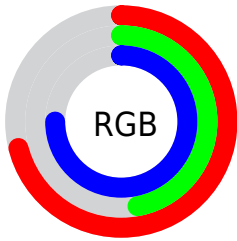
Format	Color
R _{YB}	181, 119, 192
Decimal	11892672
CIE _{Lab}	58.81, 36.49, -28.53
CIE _{LCh}	59, 46.325, 321.979
Yxy	26.8232, 0.3053, 0.2329
Android (android.graphics.Color)	4290082752 (0xFFB577C0)
YUV	145.8600, 22.7470, 30.8178
Hunter-Lab	51.7911, 30.5709, -24.6411

Details

The XYZ color **35.1673, 26.8232, 53.1930** is a light color, and the websafe version is hex **996699**. A complement of this color would be **31.3862, 43.7776, 24.2498**, and the grayscale version is **27.1711, 28.5861, 31.1303**.

A 20% lighter version of the original color is **67.1113, 54.5217, 96.6091**, and **15.4680, 10.6032, 25.2761** is the 20% darker color. If you saturate the color by 10%, you get **32.4379, 22.3604, 52.4759**, and if you desaturate by 10%, it is **38.3742, 32.2187, 54.0658**.

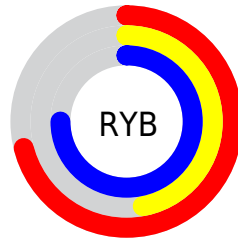
Distribution



Red (71%)

Green (47%)

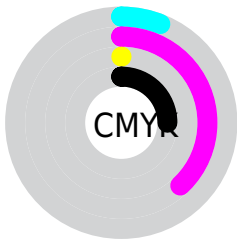
Blue (75%)



Red (71%)

Yellow (47%)

Blue (75%)

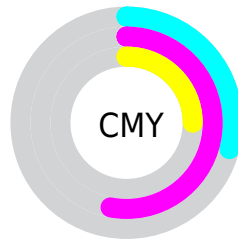


Cyan (6%)

Magenta (38%)

Yellow (0%)

Black (25%)



Cyan (29%)


Magenta (53%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.1673, 26.8232, 53.1930 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 35.1673, 26.8232, 53.1930 by changing the saturation by 10% instead.


 35.1673, 26.8232,
53.1930


 35.1673, 26.8232,
53.1930

316.8013,
286.8001, 416.1124


 23.9589, 17.4405,
37.5681


 67.0772, 54.6000,
96.3327

 15.4277, 10.5490,
25.3484


 88.5094, 73.7629,
124.6846

 9.2084, 5.7645,
16.1154


 114.0802, 96.9547,
158.1159

 4.9355, 2.7024,
9.4506

144.1550,
124.5597, 197.0452

 2.2439, 0.9784,
4.9355

179.0991,
156.9623, 241.8909

 0.7657, 0.0000,
2.1514

219.2780,

 0.0000, 0.0000,

194.5470, 293.0717

0.6461

265.0569,
237.6981, 351.0060

■ 0.0000, 0.0000,
0.0000

■ 35.1673, 26.8232,
53.1930

■ 35.1673, 26.8232,
53.1930

■ 32.4379, 22.3604,
52.4759

■ 38.3742, 32.2187,
54.0658

■ 30.1551, 18.7709,
51.9033

■ 42.0816, 38.5948,
55.1011

■ 28.2889, 15.9937,
51.4656

■ 46.3141, 46.0001,
56.3074

■ 26.8041, 13.9588,
51.1511

■ 51.0941, 54.4790,
57.6921

■ 25.6594, 12.5838,
50.9460

■ 56.4426, 64.0733,
59.2621

■ 24.7920, 11.7429,
50.8295

■ 62.3793, 74.8227,
61.0240

■ 24.6330, 11.5997,
50.8102

■ 68.9231, 86.7647,
62.9842

■ 70.2164, 88.1838,
63.1899

■ 71.0176, 88.5968,
63.2274

Harmonies

Analogous

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



29.8321, 26.8232, 69.1850



35.1673, 26.8232, 53.1930



37.9962, 26.8232, 33.8206

Triad

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



35.1673, 26.8232, 53.1930



27.0588, 26.8232, 7.8136



16.6025, 26.8232, 42.6375

Complementary

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



35.1673, 26.8232, 53.1930



31.3862, 43.7776, 24.2498

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.



16.0887, 26.8232, 25.0313



35.1673, 26.8232, 53.1930



21.5994, 26.8232, 8.6646

Square

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



35.1673, 26.8232, 53.1930



32.8792, 26.8232, 10.7682



17.7813, 26.8232, 13.7947



19.3079, 26.8232, 61.6718

Rectangle

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



35.1673, 26.8232, 53.1930



37.8245, 26.8232, 23.1493



17.7813, 26.8232, 13.7947



16.1859, 26.8232, 36.2362

Sweetspot

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



35.1682, 26.8244, 53.1936



81.3914, 78.9061, 101.3009



25.2620, 24.0064, 53.1718



17.2332, 16.5285, 21.6673



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



35.1682, 26.8244, 53.1936



59.3629, 41.4615, 95.2344



35.3727, 27.2160, 40.2729



10.3434, 10.1682, 12.7023



16.6276, 7.8323, 34.1920



0.7598, 0.3597, 1.4793

Inverse Universe

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



32.3652, 26.0130, 24.4354



53.7344, 39.8942, 34.6890



31.4415, 43.6152, 32.8818



10.1337, 10.1021, 10.7945



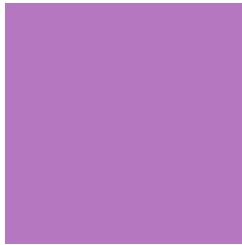
14.7945, 7.6076, 1.5641



0.6594, 0.3368, 0.1737

Previews

White Background



This preview shows how the XYZ color 35.1673, 26.8232, 53.1930 looks on a white background.

Color Contrast Check

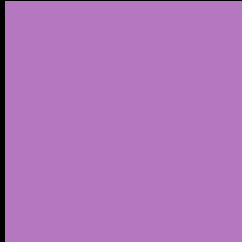
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.1673, 26.8232, 53.1930 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 35.1673, 26.8232, 53.1930

Background



This preview shows how black text looks on a background with the XYZ color 35.1673, 26.8232, 53.1930.



This preview shows how white text looks on a background with the XYZ color 35.1673, 26.8232,

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

35.1673, 26.8232, 53.1930

Protanopia

28.3710, 27.2322, 63.4355

Deuteranopia

27.6611, 27.1328, 51.3562



Tritanopia

30.1718, 26.8574, 28.4047

Trichromacy



Original Color

35.1673, 26.8232, 53.1930

Protanomaly

30.0673, 26.5176, 59.4108

Deuteranomaly

29.8310, 26.5662, 51.6996

Tritanomaly

31.8503, 26.7720, 36.2897

Monochromacy



Original Color

35.1673, 26.8232, 53.1930

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

29.7131, 27.6236, 38.4162

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.1673, 26.8232, 53.1930 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(181, 119, 192)` looks like.

```
.text, #text, p{  
    color:rgb(181, 119, 192)  
}
```

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(181, 119, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 119, 192) }
```

Border

The CSS property to change the border of an element to XYZ 35.1673, 26.8232, 53.1930 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(181, 119, 192) }
```


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

```
.border{ border-color:rgb(181, 119, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 119, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 119, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 119, 192);  
box-shadow:4px 4px 4px 4px rgb(181, 119,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 35.1673, 26.8232, 53.1930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 119, 192) }
```

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

```
.background{ background-color: rgb(181,  
119, 192) }
```

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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