

Converting Colors

XYZ(35.1545, 27.2935, 54.4550)

Have a look what the booklet for
XYZ(35.1545, 27.2935, 54.4550)
contains.

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Color

**XYZ(35.2875, 27.3978,
54.4674)**

Conversions

Conversions Part 1

Format	Color
Hex	B37AC2
RGB	179, 122, 194
RGB Percent	70%, 48%, 76%
CMY	0.2980, 0.5216, 0.2392
CMYK	0.08, 0.37, 0.00, 0.24
HSL	287°, 37%, 62%
HSV	287°, 37%, 76%
XYZ	35.2875, 27.3978, 54.4674
YIQ	147.2510, 10.8600, 34.4760

Conversions

Conversions Part 2

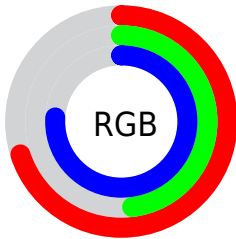
Format	Color
R _Y B	179, 122, 194
Decimal	11762370
CIE Lab	59.34, 34.62, -28.87
CIE LCh	59, 45.073, 320.174
Yxy	27.3978, 0.3012, 0.2339
Android (android.graphics.Color)	4289952450 (0xFFB37AC2)
YUV	147.2510, 23.0473, 27.8439
Hunter-Lab	52.3429, 28.7375, -25.0564

Details

The XYZ color **35.2875, 27.3978, 54.4674** is a light color, and the websafe version is hex **996699**. A complement of this color would be **33.1221, 45.3078, 25.4132**, and the grayscale version is **27.7422, 29.1870, 31.7846**.

A 20% lighter version of the original color is **67.3346, 55.4578, 98.4223**, and **15.5084, 10.8882, 26.0952** is the 20% darker color. If you saturate the color by 10%, you get **32.2188, 22.6262, 53.7086**, and if you desaturate by 10%, it is **38.8609, 33.1367, 55.3872**.

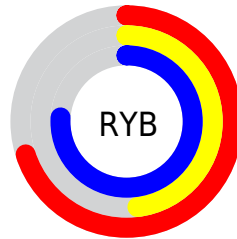
Distribution



Red (70%)

Green (48%)

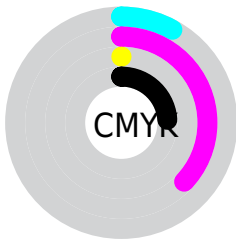
Blue (76%)



Red (70%)

Yellow (48%)

Blue (76%)

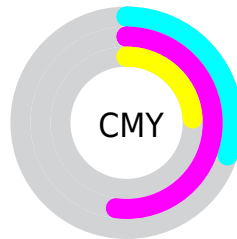


Cyan (8%)

Magenta (37%)

Yellow (0%)

Black (24%)



Cyan (30%)

Magenta (52%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.2875, 27.3978, 54.4674 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 35.2875, 27.3978, 54.4674 by changing the saturation by 10% instead.

35.2875, 27.3978,
54.4674

35.2875, 27.3978,
54.4674

317.3214,
289.5781, 421.1148

24.0520, 17.8722,
38.5797

67.2620, 55.5216,
98.2235

15.4971, 10.8583,
26.1276

88.7317, 74.8885,
126.9290

9.2576, 5.9716,
16.6925

114.3435, 98.3047,
160.7442

4.9680, 2.8278,
9.8559

144.4627,
126.1545, 200.0877

2.2631, 1.0425,
5.1992

179.4548,
158.8224, 245.3779

0.7757, 0.0000,
2.3038

219.6850,

0.0000, 0.0000,

196.6927, 297.0335

0.7333

265.5187,
240.1498, 355.4729

■ 0.0000, 0.0000,
0.0000

■ 35.2875, 27.3978,
54.4674

■ 35.2875, 27.3978,
54.4674

■ 32.2188, 22.6262,
53.7086

■ 38.8609, 33.1367,
55.3872

■ 29.6233, 18.7615,
53.0994

■ 42.9626, 39.8919,
56.4749

■ 27.4702, 15.7418,
52.6300

■ 47.6179, 47.7128,
57.7391

■ 25.7239, 13.4957,
52.2885

■ 52.8496, 56.6450,
59.1875

■ 24.3424, 11.9403,
52.0611

■ 58.6792, 66.7312,
60.8270

■ 23.2684, 10.9607,
51.9286

■ 65.1273, 78.0117,
62.6646

■ 22.9850, 10.7243,
51.8979

■ 71.3118, 88.7227,
64.4060

■ 72.4577, 89.3135,
64.4597

■ 73.6327, 89.9192,
64.5147

Harmonies

Analogous

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



29.9622, 27.3978, 69.5047



35.2875, 27.3978, 54.4674



38.2526, 27.3978, 35.4509

Triad

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



35.2875, 27.3978, 54.4674



27.9353, 27.3978, 8.5025



17.1313, 27.3978, 41.8742

Complementary

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



35.2875, 27.3978, 54.4674



33.1221, 45.3078, 25.4132

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.



16.7513, 27.3978, 24.8398



35.2875, 27.3978, 54.4674



22.4774, 27.3978, 9.1460

Square

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



35.2875, 27.3978, 54.4674



33.6209, 27.3978, 11.7732



18.5694, 27.3978, 14.0354



19.6953, 27.3978, 60.6010

Rectangle

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



35.2875, 27.3978, 54.4674



38.2378, 27.3978, 24.6754



18.5694, 27.3978, 14.0354



16.7598, 27.3978, 35.6602

Sweetspot

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



35.2884, 27.3990, 54.4680



82.7206, 80.4479, 103.6379



26.7959, 26.0962, 54.6641



17.8587, 17.1865, 22.6260



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.



35.2884, 27.3990, 54.4680



59.0965, 42.1002, 97.4812



36.8095, 28.4299, 43.3885



10.2852, 10.1382, 12.6996



15.1816, 7.0868, 34.1243



0.7089, 0.3335, 1.4769

Inverse Universe

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



33.7239, 27.1957, 27.1400



56.0861, 41.8277, 39.5403



32.2314, 44.6869, 32.6768



10.1571, 10.1115, 10.9180



14.9086, 7.6532, 2.1650



0.6698, 0.3409, 0.2288

Previews

White Background



This preview shows how the XYZ color 35.2875, 27.3978, 54.4674 looks on a white background.

Color Contrast Check

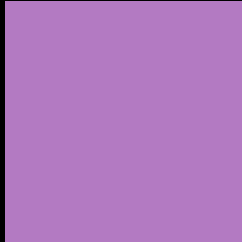
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.2875, 27.3978, 54.4674 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 35.2875, 27.3978, 54.4674

Background



This preview shows how black text looks on a background with the XYZ color 35.2875, 27.3978, 54.4674.



This preview shows how white text looks on a background with the XYZ color 35.2875, 27.3978,

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

35.2875, 27.3978, 54.4674

Protanopia

28.9187, 27.7182, 64.1476

Deuteranopia

28.1792, 27.5928, 52.5559



Tritanopia

30.3587, 27.5289, 29.7001

Trichromacy



Original Color

35.2875, 27.3978, 54.4674

Protanomaly

30.5795, 27.1606, 60.7575

Deuteranomaly

30.1418, 27.1077, 52.9339

Tritanomaly

32.0510, 27.4231, 37.7863

Monochromacy



Original Color

35.2875, 27.3978, 54.4674

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

30.0874, 28.2282, 38.9848

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.2875, 27.3978, 54.4674 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(179, 122, 194)` looks like.

```
.text, #text, p{  
    color:rgb(179, 122, 194)  
}
```

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(179, 122, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 122, 194) }
```

Border

The CSS property to change the border of an element to XYZ 35.2875, 27.3978, 54.4674 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(179, 122, 194) }
```


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

```
.border{ border-color:rgb(179, 122, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 122, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 122, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 122, 194);  
box-shadow:4px 4px 4px 4px rgb(179, 122,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 35.2875, 27.3978, 54.4674 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 122, 194) }
```

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

```
.background{ background-color: rgb(179,  
122, 194) }
```

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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