

Converting Colors

XYZ(35.2235, 27.1370, 48.8594)

Have a look what the booklet for
XYZ(35.2235, 27.1370, 48.8594)
contains.

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Color

**XYZ(35.1354, 27.0840,
48.7233)**

Conversions

Conversions Part 1

Format	Color
Hex	B878B8
RGB	184, 120, 184
RGB Percent	72%, 47%, 72%
CMY	0.2784, 0.5294, 0.2784
CMYK	0.00, 0.35, 0.00, 0.28
HSL	300°, 31%, 60%
HSV	300°, 35%, 72%
XYZ	35.1354, 27.0840, 48.7233
YIQ	146.4320, 17.6000, 33.4720

Conversions

Conversions Part 2

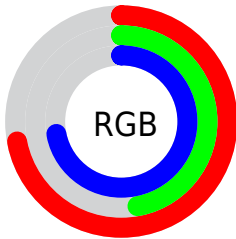
Format	Color
R_{YB}	184, 120, 184
Decimal	12089528
CIE _{Lab}	59.05, 35.34, -23.58
CIE _{LCh}	59, 42.485, 326.295
Yxy	27.0840, 0.3167, 0.2441
Android (android.graphics.Color)	4290279608 (0xFFB878B8)
YUV	146.4320, 18.5210, 32.9471
Hunter-Lab	52.0423, 29.4370, -19.0792

Details

The XYZ color **35.1354, 27.0840, 48.7233** is a light color, and the websafe version is hex **996699**. A complement of this color would be **28.2775, 39.6311, 23.9300**, and the grayscale version is **27.4209, 28.8489, 31.4165**.

A 20% lighter version of the original color is **66.9474, 54.8792, 89.5023**, and **15.4928, 10.7648, 22.7340** is the 20% darker color. If you saturate the color by 10%, you get **33.1318, 23.0763, 48.0556**, and if you desaturate by 10%, it is **37.5659, 31.9445, 49.5339**.

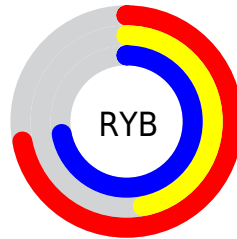
Distribution



Red (72%)

Green (47%)

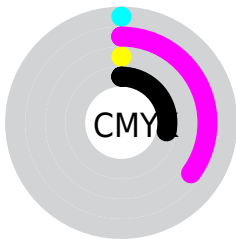
Blue (72%)



Red (72%)

Yellow (47%)

Blue (72%)

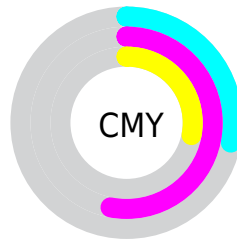


Cyan (0%)

Magenta (35%)

Yellow (0%)

Black (28%)



Cyan (28%)


Magenta (53%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.1354, 27.0840, 48.7233 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 35.1354, 27.0840, 48.7233 by changing the saturation by 10% instead.


 35.1354, 27.0840,
48.7233


 35.1354, 27.0840,
48.7233


316.6631,
288.0636, 398.2431


 23.9342, 17.6363,
34.0360


 67.0281, 55.0186,
89.6571

 15.4093, 10.6892,
22.6437

 88.4503, 74.2744,
116.7406

 9.1953, 5.8583,
14.1278


 114.0103, 97.5683,
148.7933

 4.9269, 2.7591,
8.0698

144.0733,
125.2847, 186.2337

 2.2388, 1.0073,
4.0513

179.0047,
157.8080, 229.4804

 0.7631, 0.0000,
1.6535

219.1699,

 0.0000, 0.0000,

195.5227, 278.9518

0.3286

264.9343,
238.8131, 335.0665

■ 0.0000, 0.0000,
0.0000

■ 35.1354, 27.0840,
48.7233

■ 35.1354, 27.0840,
48.7233

■ 33.1318, 23.0763,
48.0556

■ 37.5659, 31.9445,
49.5339

■ 31.5281, 19.8690,
47.5210

■ 40.4433, 37.6991,
50.4931

■ 30.2983, 17.4093,
47.1109


■ 43.7892, 44.3909,
51.6085


■ 29.4121, 15.6369,
46.8154


■ 47.6233, 52.0591,
52.8866


■ 28.8345, 14.4819,
46.6228


■ 51.9641, 60.7407,
54.3336

 28.5234, 13.8597,
46.5190

 56.8291, 70.4706,
55.9554

 28.4192, 13.6512,
46.4842

 62.2349, 81.2823,
57.7574

 64.1795, 85.1713,
58.4057

 64.1795, 85.1713,
58.4058

Harmonies

Analogous

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



30.5020, 27.0840, 63.9483



35.1354, 27.0840, 48.7233



37.2480, 27.0840, 31.4068

Triad

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



35.1354, 27.0840, 48.7233



26.4034, 27.0840, 8.9636



17.6783, 27.0840, 44.3198

Complementary

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



35.1354, 27.0840, 48.7233



28.2775, 39.6311, 23.9300

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.



16.8899, 27.0840, 27.6526



35.1354, 27.0840, 48.7233



21.5058, 27.0840, 10.3619

Square

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



35.1354, 27.0840, 48.7233



31.7907, 27.0840, 11.3248



18.1933, 27.0840, 16.1297



20.5146, 27.0840, 60.8552

Rectangle

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



35.1354, 27.0840, 48.7233



36.7561, 27.0840, 22.0675



18.1933, 27.0840, 16.1297



17.1832, 27.0840, 38.4139

Sweetspot

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



35.1363, 27.0852, 48.7239



76.0038, 73.7197, 92.4279



23.1152, 20.8881, 48.1617



16.2054, 15.5335, 19.8657



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



35.1363, 27.0852, 48.7239



60.7533, 43.2190, 87.3439



32.1522, 25.8916, 33.0099



9.3810, 9.1628, 11.3536



19.5859, 9.4081, 32.0360



0.6905, 0.3317, 1.1294

Inverse Universe

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



35.1363, 27.0852, 48.7239



60.7533, 43.2190, 87.3439



30.5548, 40.5420, 35.9219



9.3810, 9.1628, 11.3536



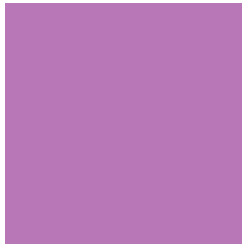
19.5859, 9.4081, 32.0360



0.6905, 0.3317, 1.1294

Previews

White Background



This preview shows how the XYZ color 35.1354, 27.0840, 48.7233 looks on a white background.

Color Contrast Check

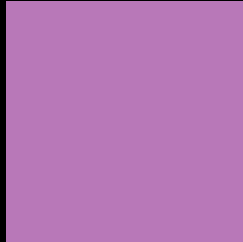
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.1354, 27.0840, 48.7233 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

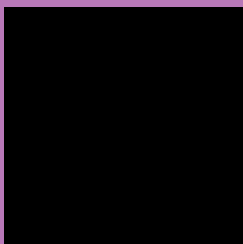
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 35.1354, 27.0840, 48.7233

Background



This preview shows how black text looks on a background with the XYZ color 35.1354, 27.0840, 48.7233.



This preview shows how white text looks on a background with the XYZ color 35.1354, 27.0840,

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

35.1354, 27.0840, 48.7233

Protanopia

27.9991, 27.1648, 57.8004

Deuteranopia

27.9328, 27.3698, 46.9907



Tritanopia

30.8706, 27.0296, 28.0163

Trichromacy



Original Color

35.1354, 27.0840, 48.7233

Protanomaly

29.9792, 26.7811, 54.6281

Deuteranomaly

30.0544, 26.9813, 47.3399

Tritanomaly

32.1996, 26.9916, 34.5231

Monochromacy



Original Color

35.1354, 27.0840, 48.7233

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

29.7880, 27.9030, 37.0735

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.1354, 27.0840, 48.7233 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(184, 120, 184)` looks like.

```
.text, #text, p{  
    color:rgb(184, 120, 184)  
}
```

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(184, 120, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 120, 184) }
```

Border

The CSS property to change the border of an element to XYZ 35.1354, 27.0840, 48.7233 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(184, 120, 184) }
```


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

```
.border{ border-color:rgb(184, 120, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 120, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 120, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 120, 184);  
box-shadow:4px 4px 4px 4px rgb(184, 120,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 35.1354, 27.0840, 48.7233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 120, 184) }
```

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

```
.background{ background-color: rgb(184,  
120, 184) }
```

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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