

Converting Colors

XYZ(34.7008, 27.1977, 53.1527)

Have a look what the booklet for
XYZ(34.7008, 27.1977, 53.1527)
contains.

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Color

**XYZ(34.6054, 27.0719,
53.2707)**

Conversions

Conversions Part 1

Format	Color
Hex	B17AC0
RGB	177, 122, 192
RGB Percent	69%, 48%, 75%
CMY	0.3059, 0.5216, 0.2471
CMYK	0.08, 0.36, 0.00, 0.25
HSL	287°, 36%, 62%
HSV	287°, 36%, 75%
XYZ	34.6054, 27.0719, 53.2707
YIQ	146.4250, 10.3100, 33.4300

Conversions

Conversions Part 2

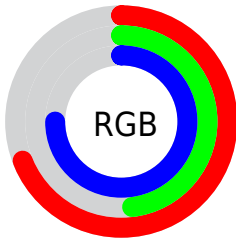
Format	Color
R_{YB}	177, 122, 192
Decimal	11631296
CIE Lab	59.04, 33.58, -28.21
CIE LCh	59, 43.858, 319.963
Yxy	27.0719, 0.3011, 0.2355
Android (android.graphics.Color)	4289821376 (0xFFB17AC0)
YUV	146.4250, 22.4685, 26.8143
Hunter-Lab	52.0307, 27.6660, -24.2816

Details

The XYZ color **34.6054, 27.0719, 53.2707** is a light color, and the websafe version is hex **996699**. A complement of this color would be **32.6799, 44.4234, 25.2657**, and the grayscale version is **27.4044, 28.8315, 31.3975**.

A 20% lighter version of the original color is **66.3605, 54.9919, 96.7395**, and **15.0732, 10.6807, 25.3119** is the 20% darker color. If you saturate the color by 10%, you get **31.5539, 22.3387, 52.5183**, and if you desaturate by 10%, it is **38.1527, 32.7535, 54.1808**.

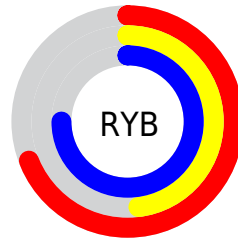
Distribution



Red (69%)

Green (48%)

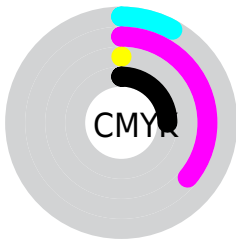
Blue (75%)



Red (69%)

Yellow (48%)

Blue (75%)

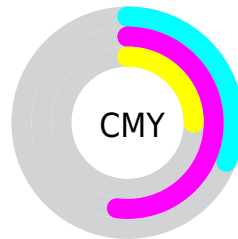


Cyan (8%)

Magenta (36%)

Yellow (0%)

Black (25%)



Cyan (31%)

Magenta (52%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.6054, 27.0719, 53.2707 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 34.6054, 27.0719, 53.2707 by changing the saturation by 10% instead.

34.6054, 27.0719,
53.2707

34.6054, 27.0719,
53.2707

314.3618,
288.0051, 416.4185

23.5242, 17.6272,
37.6297

66.2121, 54.9992,
96.4482

15.1038, 10.6827,
25.3958

87.4682, 74.2507,
124.8217

8.9791, 5.8539,
16.1505

112.8467, 97.5398,
158.2765

4.7845, 2.7564,
9.4752

142.7129,
125.2511, 197.2312

2.1549, 1.0059,
4.9514

177.4321,
157.7688, 242.1041

0.7188, 0.0000,
2.1605

217.3698,

0.0000, 0.0000,

195.4775, 293.3140

0.6515

262.8912,
238.7614, 351.2793

■ 0.0000, 0.0000,
0.0000

■ 34.6054, 27.0719,
53.2707

■ 34.6054, 27.0719,
53.2707

■ 31.5539, 22.3387,
52.5183

■ 38.1527, 32.7535,
54.1808

■ 28.9677, 18.4950,
51.9127

■ 42.2186, 39.4306,
55.2553

■ 26.8169, 15.4810,
51.4444

■ 46.8277, 47.1515,
56.5027

■ 25.0670, 13.2280,
51.1017

■ 52.0023, 55.9603,
57.9302

■ 23.6777, 11.6557,
50.8714

■ 57.7632, 65.8985,
59.5449

■ 22.5965, 10.6594,
50.7361

■ 64.1304, 77.0054,
61.3531

■ 22.2507, 10.3716,
50.6988

■ 70.6730, 88.4192,
63.2114

■ 71.8288, 89.0151,
63.2655

■ 73.0148, 89.6264,
63.3210

Harmonies

Analogous

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



29.4724, 27.0719, 67.5823



34.6054, 27.0719, 53.2707



37.4750, 27.0719, 35.0161

Triad

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



34.6054, 27.0719, 53.2707



27.5988, 27.0719, 8.7158



17.0936, 27.0719, 40.9408

Complementary

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



34.6054, 27.0719, 53.2707



32.6799, 44.4234, 25.2657

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.



16.7393, 27.0719, 24.5547



34.6054, 27.0719, 53.2707



22.3205, 27.0719, 9.3252

Square

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



34.6054, 27.0719, 53.2707



33.0686, 27.0719, 11.9673



18.5205, 27.0719, 14.0927



19.5681, 27.0719, 58.8989

Rectangle

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



34.6054, 27.0719, 53.2707



37.4781, 27.0719, 24.5889



18.5205, 27.0719, 14.0927



16.7375, 27.0719, 34.9728

Sweetspot

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



34.6063, 27.0731, 53.2713



80.7818, 78.5918, 101.2724



26.5109, 25.8832, 53.4683



17.0869, 16.4531, 21.6605



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.



34.6063, 27.0731, 53.2713



58.0797, 41.8591, 95.3788



36.1610, 28.1116, 42.6347



10.2792, 10.1351, 12.6993



15.0396, 7.0136, 34.1177



0.7038, 0.3309, 1.4767

Inverse Universe

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



33.2140, 26.9328, 27.1160



55.4147, 41.7078, 40.0181



31.7465, 43.7855, 32.3050



10.1596, 10.1124, 10.9308



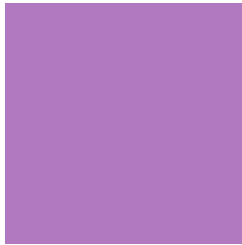
14.9224, 7.6587, 2.2375



0.6709, 0.3414, 0.2345

Previews

White Background



This preview shows how the XYZ color 34.6054, 27.0719, 53.2707 looks on a white background.

Color Contrast Check

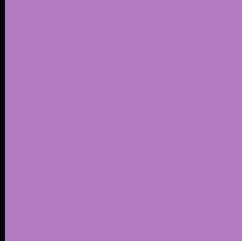
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.6054, 27.0719, 53.2707 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

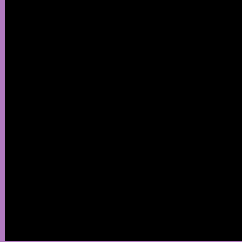
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 34.6054, 27.0719, 53.2707

Background



This preview shows how black text looks on a background with the XYZ color 34.6054, 27.0719, 53.2707.



This preview shows how white text looks on a background with the XYZ color 34.6054, 27.0719,

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

34.6054, 27.0719, 53.2707

Protanopia

28.4038, 27.2773, 62.1605

Deuteranopia

27.9235, 27.2556, 51.9332



Tritanopia

29.7113, 27.0016, 29.2371

Trichromacy



Original Color

34.6054, 27.0719, 53.2707

Protanomaly

29.9146, 26.6548, 58.8266

Deuteranomaly

29.8945, 26.7887, 52.3103

Tritanomaly

31.2979, 26.8606, 36.7927

Monochromacy



Original Color

34.6054, 27.0719, 53.2707

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

29.4611, 27.7038, 38.4449

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.6054, 27.0719, 53.2707 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(177, 122, 192)` looks like.

```
.text, #text, p{  
    color:rgb(177, 122, 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(177, 122, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 122, 192) }
```

Border

The CSS property to change the border of an element to XYZ 34.6054, 27.0719, 53.2707 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(177, 122, 192) }
```


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

```
.border{ border-color:rgb(177, 122, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 122, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 122, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 122, 192);  
box-shadow:4px 4px 4px 4px rgb(177, 122,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 34.6054, 27.0719, 53.2707 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 122, 192) }
```

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

```
.background{ background-color: rgb(177,  
122, 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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