

Converting Colors

XYZ(27.0394, 17.5941, 48.5094)

Have a look what the booklet for
XYZ(27.0394, 17.5941, 48.5094)
contains.

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Color

**XYZ(27.1375, 17.6723,
48.4352)**

Conversions

Conversions Part 1

Format	Color
Hex	A354BA
RGB	163, 84, 186
RGB Percent	64%, 33%, 73%
CMY	0.3608, 0.6706, 0.2706
CMYK	0.12, 0.55, 0.00, 0.27
HSL	286°, 42%, 53%
HSV	286°, 55%, 73%
XYZ	27.1375, 17.6723, 48.4352
YIQ	119.2490, 14.3420, 48.4700

Conversions

Conversions Part 2

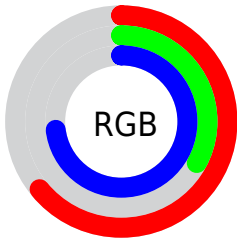
Format	Color
R _Y B	163, 84, 186
Decimal	10704058
CIE Lab	49.10, 48.65, -40.44
CIE LCh	49, 63.265, 320.268
Yxy	17.6723, 0.2910, 0.1895
Android (android.graphics.Color)	4288894138 (0xFFA354BA)
YUV	119.2490, 32.9082, 38.3696
Hunter-Lab	42.0384, 41.6617, -38.8849

Details

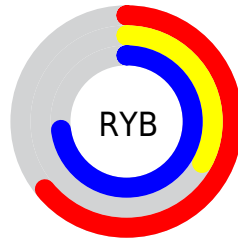
The XYZ color **27.1375, 17.6723, 48.4352** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **25.2230, 38.8841, 14.5641**, and the grayscale version is **17.5098, 18.4217, 20.0612**.

A 20% lighter version of the original color is **54.6385, 39.5780, 89.5536**, and **10.8392, 5.8341, 22.3846** is the 20% darker color. If you saturate the color by 10%, you get **25.0365, 14.7235, 47.9770**, and if you desaturate by 10%, it is **29.6516, 21.4038, 49.0232**.

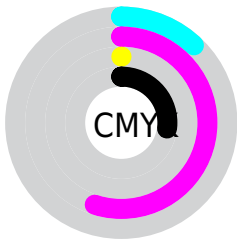
Distribution



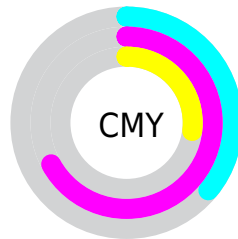
- Red (64%)
- Green (33%)
- Blue (73%)



- Red (64%)
- Yellow (33%)
- Blue (73%)



- Cyan (12%)
- Magenta (55%)
- Yellow (0%)
- Black (27%)





- Cyan (36%)
- Magenta (67%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.1375, 17.6723, 48.4352 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 27.1375, 17.6723, 48.4352 by changing the saturation by 10% instead.


 27.1375, 17.6723,
48.4352


 27.1375, 17.6723,
48.4352


280.4777,
239.0174, 397.0729


 17.8136, 10.7150,
33.8092


 54.5228, 39.4781,
89.2243


 10.9151, 5.8755,
22.4709


 73.3149, 55.0954,
116.2245

 6.0767, 2.7695,
14.0017


 95.9938, 74.3682,
148.1865

 2.9329, 1.0126,
7.9831

 122.9248, 97.6808,
185.5289

 1.1184, 0.0000,
3.9965

 154.4734,
125.4176, 228.6702

 0.0404, 0.0000,
1.6234

191.0048,

 0.0000, 0.0000,

157.9630, 278.0290

0.3075

232.8845,
195.7015, 334.0237

■ 0.0000, 0.0000,
0.0000

■ 27.1375, 17.6723,
48.4352

■ 27.1375, 17.6723,
48.4352

■ 25.0365, 14.7235,
47.9770

■ 29.6516, 21.4038,
49.0232

■ 23.3152, 12.4929,
47.6372

■ 32.6047, 25.9712,
49.7492

■ 21.9381, 10.9093,
47.4041

■ 36.0229, 31.4256,
50.6218

■ 20.8614, 9.8854,
47.2632

■ 39.9295, 37.8134,
51.6489

■ 20.3751, 9.4799,
47.2106

■ 44.3462, 45.1777,
52.8376

■ 49.2935, 53.5588,
54.1945

■ 54.7906, 62.9949,
55.7262

■ 60.8556, 73.5220,
57.4384

■ 67.5061, 85.1746,
59.3371

Harmonies

Analogous

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



21.0484, 17.6723, 68.7528



27.1375, 17.6723, 48.4352



30.6683, 17.6723, 25.2832

Triad

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



27.1375, 17.6723, 48.4352



18.7917, 17.6723, 1.6891



8.2341, 17.6723, 32.8588

Complementary

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



27.1375, 17.6723, 48.4352



25.2230, 38.8841, 14.5641

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.



7.9029, 17.6723, 14.2493



27.1375, 17.6723, 48.4352



13.1605, 17.6723, 2.0133

Square

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



27.1375, 17.6723, 48.4352



25.1564, 17.6723, 3.4983



9.4868, 17.6723, 5.0370



10.5310, 17.6723, 56.6822

Rectangle

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



27.1375, 17.6723, 48.4352



30.6407, 17.6723, 14.0050



9.4868, 17.6723, 5.0370



7.9141, 17.6723, 25.6449

Sweetspot

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



27.1382, 17.6730, 48.4356



71.3075, 66.7792, 93.3328



17.8612, 16.1137, 48.6236



15.3703, 14.1588, 20.4654



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



27.1382, 17.6730, 48.4356



44.6182, 25.6659, 86.8038



29.6612, 19.2766, 34.8680



9.1775, 9.0579, 11.3441



13.7746, 6.4123, 31.7648



0.5351, 0.2515, 1.1221

Inverse Universe

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



26.0743, 17.8419, 15.9800



43.0435, 26.3292, 20.0830



24.0959, 38.1552, 21.1921



9.0853, 9.0445, 9.7968



13.9278, 7.1449, 2.2409



0.5149, 0.2614, 0.2049

Previews

White Background



This preview shows how the XYZ color 27.1375, 17.6723, 48.4352 looks on a white background.

Color Contrast Check

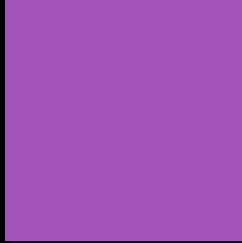
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.1375, 17.6723, 48.4352 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

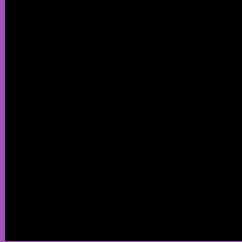
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.1375, 17.6723, 48.4352

Background



This preview shows how black text looks on a background with the XYZ color 27.1375, 17.6723, 48.4352.



This preview shows how white text looks on a background with the XYZ color 27.1375, 17.6723,

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

27.1375, 17.6723, 48.4352

Protanopia

20.4697, 18.0830, 66.0298

Deuteranopia

18.4373, 17.9963, 45.6819



Tritanopia

20.6684, 17.5236, 17.3320

Trichromacy



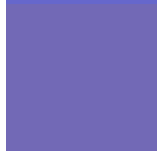
Original Color

27.1375, 17.6723, 48.4352



Protanomaly

21.2288, 16.8849, 59.2670



Deuteranomaly

20.4345, 17.0580, 46.4715



Tritanomaly

22.4806, 17.2686, 26.1931

Monochromacy



Original Color

27.1375, 17.6723, 48.4352



Achromatopsia

17.5343, 18.4475, 20.0893



Achromatomaly

20.1036, 17.4421, 28.2937

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.1375, 17.6723, 48.4352 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(163, 84, 186)` looks like.

```
.text, #text, p{  
    color:rgb(163, 84, 186)  
}
```

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(163, 84, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 84, 186) }
```

Border

The CSS property to change the border of an element to XYZ 27.1375, 17.6723, 48.4352 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(163, 84, 186) }
```


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

```
.border{ border-color:rgb(163, 84, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 84, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 84, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 84, 186);  
box-shadow:4px 4px 4px 4px rgb(163, 84,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 27.1375, 17.6723, 48.4352 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 84, 186) }
```

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

```
.background{ background-color: rgb(163, 84,  
186) }
```

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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