

Converting Colors

XYZ(27.1614, 18.4187, 36.0827)

Have a look what the booklet for
XYZ(27.1614, 18.4187, 36.0827)
contains.

XYZ(27.2449, 18.4723, 36.3120)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(27.2449, 18.4723,
36.3120)**

Conversions

Conversions Part 1

Format	Color
Hex	AD58A2
RGB	173, 88, 162
RGB Percent	68%, 35%, 64%
CMY	0.3216, 0.6549, 0.3647
CMYK	0.00, 0.49, 0.06, 0.32
HSL	308°, 34%, 51%
HSV	308°, 49%, 68%
XYZ	27.2449, 18.4723, 36.3120
YIQ	121.8510, 26.9060, 41.0340

Conversions

Conversions Part 2

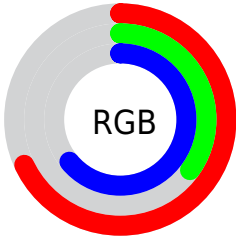
Format	Color
R_{YB}	173, 88, 162
Decimal	11360418
CIE _{Lab}	50.06, 44.92, -24.79
CIE _{LCh}	50, 51.304, 331.104
Yxy	18.4723, 0.3321, 0.2252
Android (android.graphics.Color)	4289550498 (0xFFAD58A2)
YUV	121.8510, 19.7935, 44.8577
Hunter-Lab	42.9794, 37.9382, -20.0067

Details

The XYZ color **27.2449, 18.4723, 36.3120** is a dark color, and the websafe version is hex **CC66CC**. A complement of this color would be **21.2210, 32.8634, 17.0303**, and the grayscale version is **18.3821, 19.3394, 21.0606**.

A 20% lighter version of the original color is **54.6824, 40.8825, 70.6547**, and **10.9166, 6.2391, 15.3807** is the 20% darker color. If you saturate the color by 10%, you get **25.7926, 15.8830, 34.8548**, and if you desaturate by 10%, it is **29.0389, 21.7386, 37.9010**.

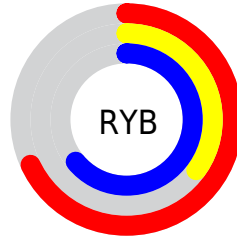
Distribution



Red (68%)

Green (35%)

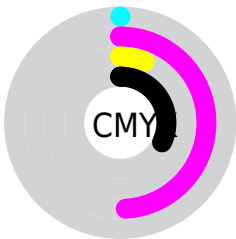
Blue (64%)



Red (68%)

Yellow (35%)

Blue (64%)

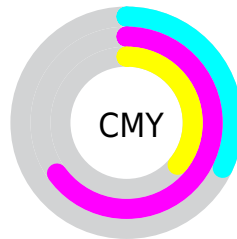


Cyan (0%)

Magenta (49%)

Yellow (6%)

Black (32%)



Cyan (32%)


Magenta (65%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.2449, 18.4723, 36.3120 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 27.2449, 18.4723, 36.3120 by changing the saturation by 10% instead.

 27.2449, 18.4723,
36.3120


 27.2449, 18.4723,
36.3120


280.9869,
243.5199, 345.4008


 17.8948, 11.2896,
24.3837


 54.6937, 40.8405,
70.6878


 10.9737, 6.2620,
15.4036


 73.5231, 56.7948,
93.9724

 6.1163, 3.0050,
8.9534


 96.2430, 76.4417,
121.8794

 2.9573, 1.1344,
4.6144

 123.2187,
100.1657, 154.8275

 1.1312, 0.0071,
1.9681

154.8156,
128.3511, 193.2351

 0.0510, 0.0000,
0.5356

191.3990,

 0.0000, 0.0000,

161.3823, 237.5208

0.0000

233.3343,
199.6438, 288.1032

■ 27.2449, 18.4723,
36.3120

■ 27.2449, 18.4723,
36.3120

■ 25.7926, 15.8830,
34.8548

■ 29.0389, 21.7386,
37.9010

■ 24.6559, 13.9198,
33.5200

■ 31.1947, 25.7231,
39.6279

■ 23.8081, 12.5285,
32.2988

■ 33.7329, 30.4666,
41.5000

■ 23.2168, 11.6449,
31.1803

■ 36.6720, 36.0062,
43.5235

■ 22.8203, 11.1450,
30.1439

■ 40.0293, 42.3766,
45.7042

■ 22.7882, 11.1061,
30.0554

■ 43.8212, 49.6102,
48.0477

■ 48.0632, 57.7380,
50.5592

■ 52.7697, 66.7893,
53.2437

■ 57.9550, 76.7921,
56.1060

Harmonies

Analogous

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



22.9300, 18.4723, 53.5118



27.2449, 18.4723, 36.3120



28.8570, 18.4723, 19.5943

Triad

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



27.2449, 18.4723, 36.3120



17.3752, 18.4723, 3.3403



10.6210, 18.4723, 37.6729

Complementary

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



27.2449, 18.4723, 36.3120



21.2210, 32.8634, 17.0303

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.



9.6759, 18.4723, 20.6412



27.2449, 18.4723, 36.3120



13.0972, 18.4723, 4.6635

Square

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



27.2449, 18.4723, 36.3120



22.5539, 18.4723, 4.4687



10.4908, 18.4723, 9.6312



13.3593, 18.4723, 54.5232

Rectangle

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



27.2449, 18.4723, 36.3120



27.9820, 18.4723, 11.8289



10.4908, 18.4723, 9.6312



10.1089, 18.4723, 31.5714

Sweetspot

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



27.2455, 18.4731, 36.3124



62.3628, 58.2292, 75.6930



16.0614, 12.5896, 41.1192



13.3271, 12.2297, 16.2922



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



27.2455, 18.4731, 36.3124



45.9870, 28.0842, 62.1986



24.1497, 17.2348, 20.0103



8.2918, 8.1300, 9.8474



16.7559, 8.1649, 22.1580



0.4783, 0.2320, 0.6804

Inverse Universe

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



27.2455, 18.4731, 36.3124



45.9870, 28.0842, 62.1986



23.7332, 33.8683, 30.2596



8.2918, 8.1300, 9.8474



16.7559, 8.1649, 22.1580



0.4783, 0.2320, 0.6804

Previews

White Background



This preview shows how the XYZ color 27.2449, 18.4723, 36.3120 looks on a white background.

Color Contrast Check

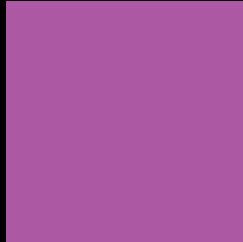
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.2449, 18.4723, 36.3120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

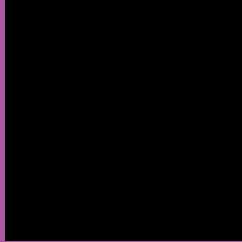
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.2449, 18.4723, 36.3120

Background



This preview shows how black text looks on a background with the XYZ color 27.2449, 18.4723, 36.3120.



This preview shows how white text looks on a background with the XYZ color 27.2449, 18.4723,

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

27.2449, 18.4723, 36.3120

Protanopia

19.9435, 18.7006, 49.0128

Deuteranopia

19.1198, 18.7707, 34.5137



Tritanopia

23.2003, 18.4125, 16.5185

Trichromacy



Original Color

27.2449, 18.4723, 36.3120

Protanomaly

21.2582, 17.6933, 43.8897

Deuteranomaly

21.3472, 18.0869, 35.1669

Tritanomaly

24.4413, 18.3593, 22.6776

Monochromacy



Original Color

27.2449, 18.4723, 36.3120

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

21.0758, 18.6207, 26.1503

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.2449, 18.4723, 36.3120 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(173, 88, 162)` looks like.

```
.text, #text, p{  
    color:rgb(173, 88, 162)  
}
```

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(173, 88, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 88, 162) }
```

Border

The CSS property to change the border of an element to XYZ 27.2449, 18.4723, 36.3120 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(173, 88, 162) }
```


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

```
.border{ border-color:rgb(173, 88, 162) }
```

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

Here you see how a box with a 4 pixel rgb(173, 88, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 88, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 88, 162);  
box-shadow:4px 4px 4px 4px rgb(173, 88,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 27.2449, 18.4723, 36.3120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 88, 162) }
```

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

```
.background{ background-color: rgb(173, 88,  
162) }
```

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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