

Converting Colors

XYZ(36.4347, 27.5969, 47.9396)

Have a look what the booklet for
XYZ(36.4347, 27.5969, 47.9396)
contains.

XYZ(36.3793, 27.5597, 48.2019)	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(36.3793, 27.5597,
48.2019)**

Conversions

Conversions Part 1

Format	Color
Hex	BE77B7
RGB	190, 119, 183
RGB Percent	75%, 47%, 72%
CMY	0.2549, 0.5333, 0.2824
CMYK	0.00, 0.37, 0.04, 0.25
HSL	306°, 35%, 61%
HSV	306°, 37%, 75%
XYZ	36.3793, 27.5597, 48.2019
YIQ	147.5250, 21.7720, 34.9560

Conversions

Conversions Part 2

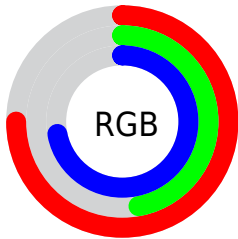
Format	Color
R_{YB}	190, 119, 183
Decimal	12482487
CIE _{Lab}	59.49, 37.65, -22.27
CIE _{LCh}	59, 43.743, 329.388
Yxy	27.5597, 0.3244, 0.2458
Android (android.graphics.Color)	4290672567 (0xFFBE77B7)
YUV	147.5250, 17.4892, 37.2506
Hunter-Lab	52.4973, 31.8256, -17.6906

Details

The XYZ color **36.3793, 27.5597, 48.2019** is a light color, and the websafe version is hex **996699**. A complement of this color would be **29.7883, 42.2562, 26.3266**, and the grayscale version is **27.8748, 29.3265, 31.9365**.

A 20% lighter version of the original color is **68.8813, 55.8933, 88.8194**, and **16.0881, 10.8968, 22.3745** is the 20% darker color. If you saturate the color by 10%, you get **34.1467, 23.4039, 46.5022**, and if you desaturate by 10%, it is **39.0683, 32.6230, 50.0671**.

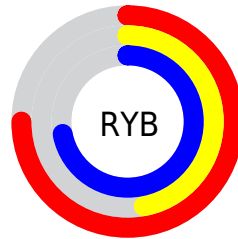
Distribution



Red (75%)

Green (47%)

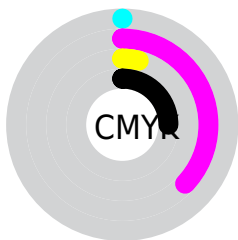
Blue (72%)



Red (75%)

Yellow (47%)

Blue (72%)

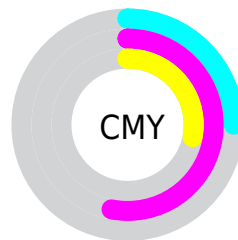


Cyan (0%)

Magenta (37%)

Yellow (4%)

Black (25%)



Cyan (25%)

Magenta (53%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.3793, 27.5597, 48.2019 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 36.3793, 27.5597, 48.2019 by changing the saturation by 10% instead.

36.3793, 27.5597,
48.2019

36.3793, 27.5597,
48.2019

322.0178,
290.3570, 396.1236

24.8987, 17.9940,
33.6257

68.9372, 55.7807,
88.8736

16.1300, 10.9457,
22.3312

90.7452, 75.2048,
115.8062

9.7076, 6.0303,
13.8998

116.7264, 98.6839,
147.6946

5.2663, 2.8635,
7.9130

147.2461,
126.6023, 184.9575

2.4407, 1.0609,
3.9524

182.6698,
159.3444, 228.0132

0.8654, 0.0000,
1.5993

223.3627,

0.0000, 0.0000,

197.2946, 277.2805

0.2903

269.6903,
240.8373, 333.1778

■ 0.0000, 0.0000,
0.0000

■ 36.3793, 27.5597,
48.2019

■ 36.3793, 27.5597,
48.2019

■ 34.1467, 23.4039,
46.5022

■ 39.0683, 32.6230,
50.0671

■ 32.3406, 20.0977,
44.9572

■ 42.2359, 38.6399,
52.1044

■ 30.9321, 17.5825,
43.5574


■ 45.9060, 45.6575,
54.3221


■ 29.8873, 15.7904,
42.2915


■ 50.1002, 53.7191,
56.7274


■ 29.1665, 14.6424,
41.1463


■ 54.8386, 62.8651,
59.3272


 28.7132, 14.0253,
40.1027

 60.1407, 73.1340,
62.1278

 28.6116, 13.8978,
39.8359

 66.0245, 84.5622,
65.1355

 67.1872, 86.5440,
66.5827

 67.4047, 86.6310,
67.7279

Harmonies

Analogous

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



31.7284, 27.5597, 64.8436



36.3793, 27.5597, 48.2019



38.2422, 27.5597, 30.3322

Triad

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



36.3793, 27.5597, 48.2019



26.3077, 27.5597, 8.7823



18.0258, 27.5597, 47.4382

Complementary

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



36.3793, 27.5597, 48.2019



29.7883, 42.2562, 26.3266

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.



16.9873, 27.5597, 29.6858



36.3793, 27.5597, 48.2019



21.3450, 27.5597, 10.6118

Square

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



36.3793, 27.5597, 48.2019



31.9510, 27.5597, 10.7743



18.1139, 27.5597, 17.0873



21.1749, 27.5597, 64.3049

Rectangle

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



36.3793, 27.5597, 48.2019



37.4771, 27.5597, 21.0429



18.1139, 27.5597, 17.0873



17.4396, 27.5597, 41.2139

Sweetspot

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



36.3802, 27.5609, 48.2025



80.5423, 77.6708, 96.8669



24.3376, 21.2665, 51.5380



17.4845, 16.6698, 21.1495



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.



36.3802, 27.5609, 48.2025



62.4863, 43.5361, 84.7525



33.2247, 26.2987, 31.5860



9.8883, 9.6796, 11.8008



19.0412, 9.2476, 26.5741



0.7577, 0.3670, 1.1035

Inverse Universe

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



36.3802, 27.5609, 48.2025



62.4863, 43.5361, 84.7525



32.4040, 43.3025, 40.1007



9.8883, 9.6796, 11.8008



19.0412, 9.2476, 26.5741



0.7577, 0.3670, 1.1035

Previews

White Background



This preview shows how the XYZ color 36.3793, 27.5597, 48.2019 looks on a white background.

Color Contrast Check

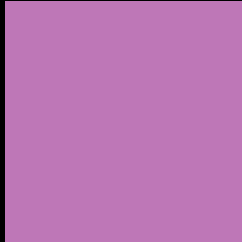
Large Text (above 18pt) WCAG AA ✓ Pass

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 36.3793, 27.5597, 48.2019 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

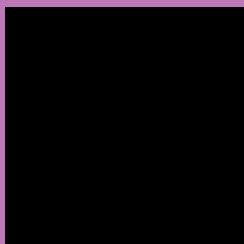
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 36.3793, 27.5597, 48.2019

Background



This preview shows how black text looks on a background with the XYZ color 36.3793, 27.5597, 48.2019.



This preview shows how white text looks on a background with the XYZ color 36.3793, 27.5597,

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

36.3793, 27.5597, 48.2019

Protanopia

28.7025, 27.9518, 58.5260

Deuteranopia

28.3090, 27.7934, 46.5204



Tritanopia

32.0738, 27.4637, 27.6553

Trichromacy



Original Color

36.3793, 27.5597, 48.2019

Protanomaly

30.6571, 27.3348, 54.6993

Deuteranomaly

30.7263, 27.3394, 46.8376

Tritanomaly

33.4161, 27.4394, 34.1070

Monochromacy



Original Color

36.3793, 27.5597, 48.2019

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

30.4829, 28.2511, 37.5646

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.3793, 27.5597, 48.2019 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(190, 119, 183)` looks like.

```
.text, #text, p{  
    color:rgb(190, 119, 183)  
}
```

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(190, 119, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 119, 183) }
```

Border

The CSS property to change the border of an element to XYZ 36.3793, 27.5597, 48.2019 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(190, 119, 183) }
```


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

```
.border{ border-color:rgb(190, 119, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 119, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 119, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 119, 183);  
box-shadow:4px 4px 4px 4px rgb(190, 119,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 36.3793, 27.5597, 48.2019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 119, 183) }
```

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

```
.background{ background-color: rgb(190,  
119, 183) }
```

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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