

Converting Colors

XYZ(26.4360, 18.5145, 38.2567)

Have a look what the booklet for
XYZ(26.4360, 18.5145, 38.2567)
contains.

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Color

**XYZ(26.4360, 18.5145,
38.2567)**

Conversions

Conversions Part 1

Format	Color
Hex	A65CA6
RGB	166, 92, 166
RGB Percent	65%, 36%, 65%
CMY	0.3490, 0.6392, 0.3490
CMYK	0.00, 0.45, 0.00, 0.35
HSL	300°, 29%, 51%
HSV	300°, 45%, 65%
XYZ	26.4360, 18.5145, 38.2567
YIQ	122.5620, 20.3500, 38.7020

Conversions

Conversions Part 2

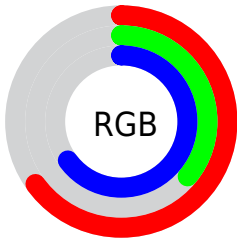
Format	Color
R_{YB}	166, 92, 166
Decimal	10902694
CIE _{Lab}	50.11, 41.40, -27.14
CIE _{LCh}	50, 49.505, 326.758
Yxy	18.5145, 0.3177, 0.2225
Android (android.graphics.Color)	4289092774 (0xFFA65CA6)
YUV	122.5620, 21.4149, 38.0951
Hunter-Lab	43.0285, 34.3677, -22.5949

Details

The XYZ color **26.4360, 18.5145, 38.2567** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **19.9825, 30.3212, 14.9257**, and the grayscale version is **18.6105, 19.5797, 21.3223**.

A 20% lighter version of the original color is **53.4558, 40.8550, 73.4750**, and **10.5123, 6.2455, 16.5710** is the 20% darker color. If you saturate the color by 10%, you get **25.1527, 15.9474, 37.8290**, and if you desaturate by 10%, it is **28.0357, 21.7134, 38.7902**.

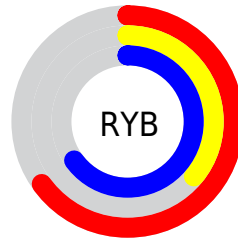
Distribution



Red (65%)

Green (36%)

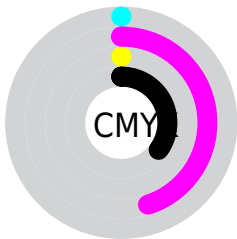
Blue (65%)



Red (65%)

Yellow (36%)

Blue (65%)

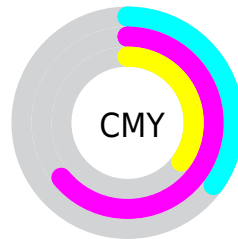


Cyan (0%)

Magenta (45%)

Yellow (0%)

Black (35%)



Cyan (35%)


Magenta (64%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.4360, 18.5145, 38.2567 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 26.4360, 18.5145, 38.2567 by changing the saturation by 10% instead.


 26.4360, 18.5145,
38.2567


 26.4360, 18.5145,
38.2567


277.1335,
243.7553, 354.0510


 17.2845, 11.3200,
25.8786


 53.4038, 40.9121,
73.7092


 10.5341, 6.2825,
16.5079


 71.9508, 56.8840,
97.6207

 5.8195, 3.0176,
9.7260


 94.3603, 76.5504,
126.2137

 2.7752, 1.1409,
5.1145

 120.9977,
100.2959, 159.9069

 1.0360, 0.0127,
2.2547

152.2284,
128.5047, 199.1186

 0.0000, 0.0000,
0.7057

188.4177,

 0.0000, 0.0000,

161.5612, 244.2675

0.0000

229.9309,
199.8500, 295.7721

■ 26.4360, 18.5145,
38.2567

■ 26.4360, 18.5145,
38.2567

■ 25.1527, 15.9474,
37.8290

■ 28.0357, 21.7134,
38.7902

■ 24.1630, 13.9681,
37.4991

■ 29.9687, 25.5794,
39.4346

■ 23.4443, 12.5307,
37.2594

■ 32.2531, 30.1482,
40.1961

■ 22.9697, 11.5816,
37.1012

■ 34.9052, 35.4523,
41.0802

■ 22.7068, 11.0557,
37.0134

■ 37.9401, 41.5221,
42.0919

■ 22.6090, 10.8603,
36.9808

■ 41.3722, 48.3863,
43.2360

■ 45.2151, 56.0721,
44.5171

■ 49.4818, 64.6055,
45.9394

■ 54.1846, 74.0111,
47.5071

Harmonies

Analogous

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



22.0577, 18.5145, 53.8815



26.4360, 18.5145, 38.2567



28.4335, 18.5145, 21.6815

Triad

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



26.4360, 18.5145, 38.2567



18.1213, 18.5145, 3.6631



10.6131, 18.5145, 34.4467

Complementary

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



26.4360, 18.5145, 38.2567



19.9825, 30.3212, 14.9257

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.



9.9375, 18.5145, 18.7098



26.4360, 18.5145, 38.2567



13.7831, 18.5145, 4.6257

Square

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



26.4360, 18.5145, 38.2567



23.1187, 18.5145, 5.2052



10.9877, 18.5145, 8.9170



13.0337, 18.5145, 51.0708

Rectangle

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



26.4360, 18.5145, 38.2567



27.9206, 18.5145, 13.4950



10.9877, 18.5145, 8.9170



10.1957, 18.5145, 28.7197

Sweetspot

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



26.4366, 18.5153, 38.2571



59.1386, 55.9217, 73.1521



15.1246, 12.6838, 37.7280



13.0187, 12.0834, 16.2983



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



26.4366, 18.5153, 38.2571



45.7716, 29.1878, 68.6959



23.5163, 17.3472, 22.8787



7.8419, 7.6666, 9.4848



17.5319, 8.4215, 28.6764



0.4266, 0.2049, 0.6977

Inverse Universe

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



26.4366, 18.5153, 38.2571



45.7716, 29.1878, 68.6959



22.0131, 31.1335, 25.6190



7.8419, 7.6666, 9.4848



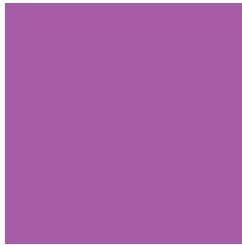
17.5319, 8.4215, 28.6764



0.4266, 0.2049, 0.6977

Previews

White Background



This preview shows how the XYZ color 26.4360, 18.5145, 38.2567 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 26.4360, 18.5145, 38.2567 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

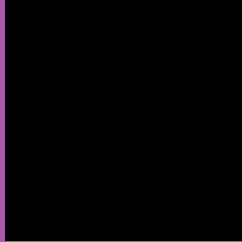
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.4360, 18.5145, 38.2567

Background



This preview shows how black text looks on a background with the XYZ color 26.4360, 18.5145, 38.2567.



This preview shows how white text looks on a background with the XYZ color 26.4360, 18.5145,

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

26.4360, 18.5145, 38.2567

Protanopia

19.9470, 18.6901, 49.5699

Deuteranopia

19.0958, 18.7182, 36.3247



Tritanopia

22.1730, 18.4414, 17.7201

Trichromacy



Original Color

26.4360, 18.5145, 38.2567

Protanomaly

21.2450, 17.9729, 44.9972

Deuteranomaly

21.1328, 18.2487, 37.0589

Tritanomaly

23.6223, 18.4617, 24.1482

Monochromacy



Original Color

26.4360, 18.5145, 38.2567

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

21.1018, 18.9414, 26.9700

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.4360, 18.5145, 38.2567 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(166, 92, 166)` looks like.

```
.text, #text, p{  
    color:rgb(166, 92, 166)  
}
```

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(166, 92, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 92, 166) }
```

Border

The CSS property to change the border of an element to XYZ 26.4360, 18.5145, 38.2567 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(166, 92, 166) }
```


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

```
.border{ border-color:rgb(166, 92, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 92, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 92, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 92, 166);  
box-shadow:4px 4px 4px 4px rgb(166, 92,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 26.4360, 18.5145, 38.2567 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 92, 166) }
```

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

```
.background{ background-color: rgb(166, 92,  
166) }
```

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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