

Converting Colors

XYZ(36.6626, 26.5297, 60.8519)

Have a look what the booklet for
XYZ(36.6626, 26.5297, 60.8519)
contains.

XYZ(36.8039, 26.6328, 60.9585)	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(36.8039, 26.6328,
60.9585)**

Conversions

Conversions Part 1

Format	Color
Hex	B872CD
RGB	184, 114, 205
RGB Percent	72%, 45%, 80%
CMY	0.2784, 0.5529, 0.1961
CMYK	0.10, 0.44, 0.00, 0.20
HSL	286°, 48%, 63%
HSV	286°, 44%, 80%
XYZ	36.8039, 26.6328, 60.9585
YIQ	145.3040, 12.5090, 43.1410

Conversions

Conversions Part 2

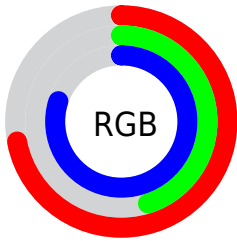
Format	Color
RYB	184, 114, 205
Decimal	12088013
CIELab	58.63, 42.74, -36.16
CIELCh	59, 55.986, 319.770
Yxy	26.6328, 0.2959, 0.2141
Android (android.graphics.Color)	4290278093 (0xFFB872CD)
YUV	145.3040, 29.4301, 33.9364
Hunter-Lab	51.6070, 36.9864, -33.9089

Details

The XYZ color **36.8039, 26.6328, 60.9585** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **34.8612, 50.0292, 23.7401**, and the grayscale version is **26.9186, 28.3204, 30.8410**.

A 20% lighter version of the original color is **68.1443, 53.5582, 101.3539**, and **16.3358, 10.4241, 30.0052** is the 20% darker color. If you saturate the color by 10%, you get **33.6313, 21.9413, 60.2206**, and if you desaturate by 10%, it is **40.5344, 32.3824, 61.8721**.

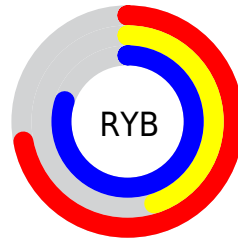
Distribution



Red (72%)

Green (45%)

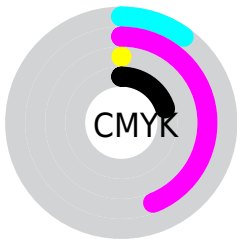
Blue (80%)



Red (72%)

Yellow (45%)

Blue (80%)

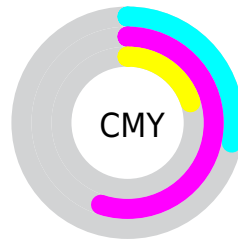


Cyan (10%)

Magenta (44%)

Yellow (0%)

Black (20%)



Cyan (28%)


Magenta (55%)


Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.8039, 26.6328, 60.9585 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 36.8039, 26.6328, 60.9585 by changing the saturation by 10% instead.


 36.8039, 26.6328,
60.9585


 36.8039, 26.6328,
60.9585


323.8310,
285.8748, 446.0242


 25.2287, 17.2976,
43.7613


 69.5869, 54.2941,
107.7758

 16.3771, 10.4469,
30.1471


 91.5253, 73.3890,
138.2330

 9.8840, 5.6963,
19.6973


 117.6489, 96.5059,
173.9473

 5.3838, 2.6613,
11.9933

148.3230,
124.0292, 215.3372

 2.5112, 0.9576,
6.6166

183.9128,
156.3434, 262.8214

 0.9009, 0.0000,
3.1487

224.7839,

 0.0000, 0.0000,

193.8328, 316.8182

1.1711

271.3015,
236.8818, 377.7463

■ 0.0000, 0.0000,
0.0000

■ 36.8039, 26.6328,
60.9585

■ 36.8039, 26.6328,
60.9585

■ 33.6313, 21.9413,
60.2206

■ 40.5344, 32.3824,
61.8721

■ 30.9784, 18.2342,
59.6449

■ 44.8522, 39.2504,
62.9702

■ 28.8065, 15.4338,
59.2188


■ 49.7877, 47.2966,
64.2631


■ 27.0695, 13.4488,
58.9272


■ 55.3686, 56.5756,
65.7600


■ 25.7118, 12.1683,
58.7516


■ 61.6205, 67.1385,
67.4693

 25.0597, 11.6458,
58.6851

 68.5679, 79.0334,
69.3991

 75.4296, 90.6975,
71.2888

 76.8571, 91.4334,
71.3557

 78.3253, 92.1903,
71.4244

Harmonies

Analogous

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



30.0523, 26.6328, 81.1939



36.8039, 26.6328, 60.9585



40.6748, 26.6328, 36.2542

Triad

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



36.8039, 26.6328, 60.9585



27.7343, 26.6328, 5.4221



14.8019, 26.6328, 43.7778

Complementary

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



36.8039, 26.6328, 60.9585



34.8612, 50.0292, 23.7401

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.



14.4077, 26.6328, 22.7820



36.8039, 26.6328, 60.9585



21.1013, 26.6328, 5.9725

Square

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



36.8039, 26.6328, 60.9585



34.8452, 26.6328, 8.6372



16.5048, 26.6328, 10.7782



17.7011, 26.6328, 68.5579

Rectangle

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



36.8039, 26.6328, 60.9585



40.7002, 26.6328, 23.0383



16.5048, 26.6328, 10.7782



14.3950, 26.6328, 35.9072

Sweetspot

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



36.8048, 26.6339, 60.9591



82.6128, 79.2208, 105.5447



26.6566, 25.3796, 61.2518



17.2703, 16.2773, 22.4815



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



36.8048, 26.6339, 60.9591



55.4305, 36.4341, 98.7187



39.5081, 28.3401, 46.9615



11.4246, 11.2682, 14.1432



15.6871, 7.2945, 36.5375



0.8726, 0.4090, 1.8879

Inverse Universe

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



35.5682, 26.7642, 26.2143



53.5275, 36.8925, 33.5943



33.3785, 49.0835, 31.8622



11.3166, 11.2554, 12.2020



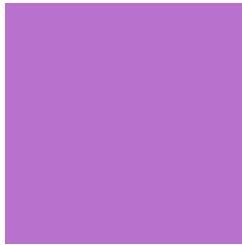
16.0274, 8.2216, 2.5971



0.8569, 0.4362, 0.2925

Previews

White Background



This preview shows how the XYZ color 36.8039, 26.6328, 60.9585 looks on a white background.

Color Contrast Check

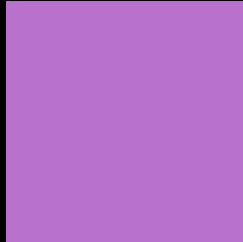
Large Text (above 18pt) WCAG AA ✓ Pass

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 36.8039, 26.6328, 60.9585 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

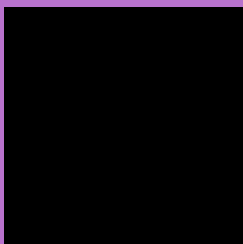
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 36.8039, 26.6328, 60.9585

Background



This preview shows how black text looks on a background with the XYZ color 36.8039, 26.6328, 60.9585.



This preview shows how white text looks on a background with the XYZ color 36.8039, 26.6328,

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

36.8039, 26.6328, 60.9585

Protanopia

29.1444, 27.1444, 75.6548

Deuteranopia

27.5491, 26.9194, 58.3875



Tritanopia

29.9660, 26.5633, 27.9739

Trichromacy



Original Color

36.8039, 26.6328, 60.9585

Protanomaly

30.7909, 26.2615, 69.7758

Deuteranomaly

30.1047, 26.3365, 59.3739

Tritanomaly

32.1786, 26.5246, 38.0741

Monochromacy



Original Color

36.8039, 26.6328, 60.9585

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

29.7982, 27.2111, 40.2410

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.8039, 26.6328, 60.9585 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(184, 114, 205)` looks like.

```
.text, #text, p{  
    color:rgb(184, 114, 205)  
}
```

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(184, 114, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 114, 205) }
```

Border

The CSS property to change the border of an element to XYZ 36.8039, 26.6328, 60.9585 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(184, 114, 205) }
```


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

```
.border{ border-color:rgb(184, 114, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 114, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 114, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 114, 205);  
box-shadow:4px 4px 4px 4px rgb(184, 114,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 36.8039, 26.6328, 60.9585 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 114, 205) }
```

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

```
.background{ background-color: rgb(184,  
114, 205) }
```

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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