

Converting Colors

XYZ(35.9551, 26.6437, 61.3906)

Have a look what the booklet for
XYZ(35.9551, 26.6437, 61.3906)
contains.

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Color

**XYZ(36.0923, 26.7625,
61.6559)**

Conversions

Conversions Part 1

Format	Color
Hex	B375CE
RGB	179, 117, 206
RGB Percent	70%, 46%, 81%
CMY	0.2980, 0.5412, 0.1922
CMYK	0.13, 0.43, 0.00, 0.19
HSL	282°, 48%, 63%
HSV	282°, 43%, 81%
XYZ	36.0923, 26.7625, 61.6559
YIQ	145.6840, 8.3830, 40.8230

Conversions

Conversions Part 2

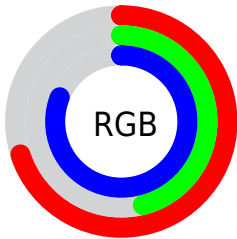
Format	Color
R_{YB}	179, 117, 206
Decimal	11761102
CIE _{Lab}	58.75, 39.86, -36.58
CIE _{LCh}	59, 54.097, 317.457
Yxy	26.7625, 0.2899, 0.2149
Android (android.graphics.Color)	4289951182 (0xFFB375CE)
YUV	145.6840, 29.7358, 29.2181
Hunter-Lab	51.7325, 34.0026, -34.4504

Details

The XYZ color **36.0923, 26.7625, 61.6559** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **36.7845, 51.3568, 24.8048**, and the grayscale version is **27.0731, 28.4830, 31.0180**.

A 20% lighter version of the original color is **67.0168, 53.8023, 101.4605**, and **15.8463, 10.4159, 30.4534** is the 20% darker color. If you saturate the color by 10%, you get **32.5394, 21.7519, 60.8764**, and if you desaturate by 10%, it is **40.2407, 32.8653, 62.6156**.

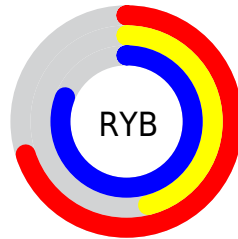
Distribution



Red (70%)

Green (46%)

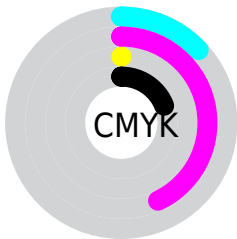
Blue (81%)



Red (70%)

Yellow (46%)

Blue (81%)

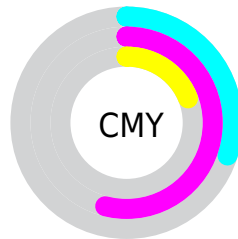


Cyan (13%)

Magenta (43%)

Yellow (0%)

Black (19%)



Cyan (30%)


Magenta (54%)


Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.0923, 26.7625, 61.6559 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 36.0923, 26.7625, 61.6559 by changing the saturation by 10% instead.


 36.0923, 26.7625,
61.6559


 36.0923, 26.7625,
61.6559


320.7880,
286.5053, 448.6478


 24.6759, 17.3949,
44.3207


 68.4974, 54.5025,
108.7948

 15.9632, 10.5165,
30.5837


 90.2169, 73.6438,
139.4356

 9.5888, 5.7427,
20.0262


 116.1015, 96.8117,
175.3488

 5.1874, 2.6893,
12.2299

146.5165,
124.3907, 216.9527

 2.3935, 0.9717,
6.7760

181.8273,
156.7652, 264.6661

 0.8419, 0.0000,
3.2461

222.3992,

 0.0000, 0.0000,

194.3195, 318.9073

1.2216

268.5977,
237.4381, 380.0951

■ 0.0000, 0.0000,
0.0000

■ 36.0923, 26.7625,
61.6559

■ 36.0923, 26.7625,
61.6559

■ 32.5394, 21.7519,
60.8764

■ 40.2407, 32.8653,
62.6156

■ 29.5432, 17.7596,
60.2638

■ 45.0143, 40.1209,
63.7645

■ 27.0646, 14.7078,
59.8053

■ 50.4443, 48.5897,
65.1130

■ 25.0574, 12.5056,
59.4861

■ 56.5588, 58.3264,
66.6701

■ 23.4663, 11.0435,
59.2877

■ 63.3841, 69.3828,
68.4444

■ 22.5564, 10.3413,
59.2001

■ 70.9451, 81.8075,
70.4441

■ 77.2543, 91.6241,
72.0064

■ 79.2127, 92.6337,
72.0981

■ 81.2429, 93.6803,
72.1931

Harmonies

Analogous

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



29.4773, 26.7625, 80.0278



36.0923, 26.7625, 61.6559



40.1047, 26.7625, 37.8566

Triad

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



36.0923, 26.7625, 61.6559



28.3220, 26.7625, 5.9934



15.0680, 26.7625, 41.5917

Complementary

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



36.0923, 26.7625, 61.6559



36.7845, 51.3568, 24.8048

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.



14.8683, 26.7625, 21.8757



36.0923, 26.7625, 61.6559



21.7837, 26.7625, 6.2817

Square

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



36.0923, 26.7625, 61.6559



35.1202, 26.7625, 9.6041



17.1169, 26.7625, 10.7053



17.7204, 26.7625, 65.3960

Rectangle

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



36.0923, 26.7625, 61.6559



40.3727, 26.7625, 24.6323



17.1169, 26.7625, 10.7053



14.7308, 26.7625, 34.1662

Sweetspot

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



36.0932, 26.7636, 61.6565



81.7679, 78.7852, 105.5052



28.6311, 28.5461, 62.3938



17.0604, 16.1691, 22.4717



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.



36.0932, 26.7636, 61.6565



53.0167, 35.6504, 98.6947



41.0753, 29.5492, 52.0733



11.3434, 11.2263, 14.1394



13.9919, 6.4206, 36.4581



0.7966, 0.3698, 1.8843

Inverse Universe

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



36.8497, 27.8590, 29.8215



54.8261, 37.9085, 38.9023



33.6638, 49.6274, 30.1110



11.3501, 11.2688, 12.3782



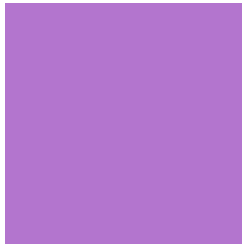
16.2554, 8.3127, 3.7974



0.8725, 0.4424, 0.3747

Previews

White Background



This preview shows how the XYZ color 36.0923, 26.7625, 61.6559 looks on a white background.

Color Contrast Check

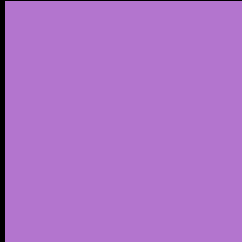
Large Text (above 18pt) WCAG AA ✓ Pass

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 36.0923, 26.7625, 61.6559 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

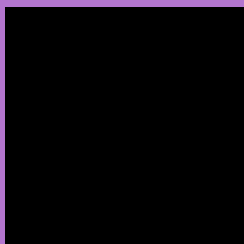
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 36.0923, 26.7625, 61.6559

Background



This preview shows how black text looks on a background with the XYZ color 36.0923, 26.7625, 61.6559.



This preview shows how white text looks on a background with the XYZ color 36.0923, 26.7625,

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

36.0923, 26.7625, 61.6559

Protanopia

29.1299, 27.1527, 74.9398

Deuteranopia

27.5284, 26.8952, 58.9987



Tritanopia

29.2862, 26.5907, 28.7883

Trichromacy



Original Color

36.0923, 26.7625, 61.6559

Protanomaly

30.6027, 26.3629, 69.8053

Deuteranomaly

30.0153, 26.4770, 60.0285

Tritanomaly

31.4860, 26.5226, 39.0572

Monochromacy



Original Color

36.0923, 26.7625, 61.6559

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

29.8324, 27.4242, 40.7668

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.0923, 26.7625, 61.6559 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(179, 117, 206)` looks like.

```
.text, #text, p{  
    color:rgb(179, 117, 206)  
}
```

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(179, 117, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 117, 206) }
```

Border

The CSS property to change the border of an element to XYZ 36.0923, 26.7625, 61.6559 is called "border". The border property can be set on classes, ids or directly on the HTML element.

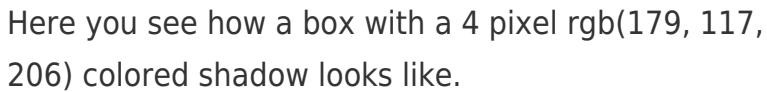
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(179, 117, 206) }
```


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

```
.border{ border-color:rgb(179, 117, 206) }
```

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



Here you see how a box with a 4 pixel `rgb(179, 117, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 117, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 117, 206);  
box-shadow:4px 4px 4px 4px rgb(179, 117,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 36.0923, 26.7625, 61.6559 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 117, 206) }
```

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

```
.background{ background-color: rgb(179,  
117, 206) }
```

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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