

Converting Colors

XYZ(36.5748, 25.9611, 53.7623)

Have a look what the booklet for
XYZ(36.5748, 25.9611, 53.7623)
contains.

XYZ(36.6874, 26.0785, 53.5521)	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(36.6874, 26.0785,
53.5521)**

Conversions

Conversions Part 1

Format	Color
Hex	BF6EC1
RGB	191, 110, 193
RGB Percent	75%, 43%, 76%
CMY	0.2510, 0.5686, 0.2431
CMYK	0.01, 0.43, 0.00, 0.24
HSL	299°, 40%, 59%
HSV	299°, 43%, 76%
XYZ	36.6874, 26.0785, 53.5521
YIQ	143.6810, 21.6330, 42.9850

Conversions

Conversions Part 2

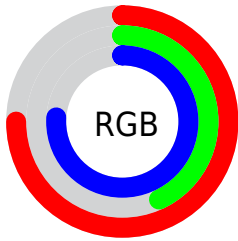
Format	Color
R _Y B	191, 110, 193
Decimal	12545729
CIE Lab	58.11, 44.61, -30.09
CIE LCh	58, 53.807, 325.995
Yxy	26.0785, 0.3154, 0.2242
Android (android.graphics.Color)	4290735809 (0xFFBF6EC1)
YUV	143.6810, 24.3143, 41.4988
Hunter-Lab	51.0671, 38.8697, -26.4281

Details

The XYZ color **36.6874, 26.0785, 53.5521** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **28.5675, 42.7111, 21.4916**, and the grayscale version is **26.2813, 27.6499, 30.1108**.

A 20% lighter version of the original color is **69.5977, 53.5928, 97.1187**, and **16.3266, 10.1244, 25.5198** is the 20% darker color. If you saturate the color by 10%, you get **34.7110, 22.2984, 52.9270**, and if you desaturate by 10%, it is **39.1194, 30.7681, 54.3295**.

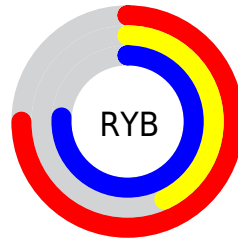
Distribution



Red (75%)

Green (43%)

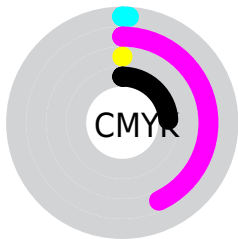
Blue (76%)



Red (75%)

Yellow (43%)

Blue (76%)

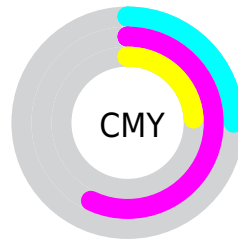


Cyan (1%)

Magenta (43%)

Yellow (0%)

Black (24%)



Cyan (25%)


Magenta (57%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.6874, 26.0785, 53.5521 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 36.6874, 26.0785, 53.5521 by changing the saturation by 10% instead.


 36.6874, 26.0785,
53.5521


 36.6874, 26.0785,
53.5521


323.3342,
283.1672, 417.5259

 25.1381, 16.8824,
37.8530


 69.4087, 53.4016,
96.8660


 16.3093, 10.1507,
25.5676

 91.3114, 72.2973,
125.3179

 9.8355, 5.4990,
16.2776


 117.3960, 95.1950,
158.8578

 5.3514, 2.5429,
9.5643

 148.0278,
122.4791, 197.9042

 2.4918, 0.8980,
5.0093

183.5722,
154.5340, 242.8757

 0.8911, 0.0000,
2.1939

224.3945,

 0.0000, 0.0000,

191.7440, 294.1908

0.6708

270.8600,
234.4936, 352.2680

■ 0.0000, 0.0000,
0.0000

■ 36.6874, 26.0785,
53.5521

■ 36.6874, 26.0785,
53.5521

■ 34.7110, 22.2984,
52.9270

■ 39.1194, 30.7681,
54.3295

■ 33.1577, 19.3647,
52.4426

■ 42.0315, 36.4178,
55.2665

■ 31.9953, 17.2121,
52.0884

■ 45.4494, 43.0787,
56.3720

■ 31.1855, 15.7641,
51.8516

■ 49.3964, 50.7971,
57.6538

■ 30.6822, 14.9287,
51.7168

■ 53.8943, 59.6168,
59.1191

■ 30.4513, 14.5863,
51.6629

■ 58.9636, 69.5787,
60.7748

■ 64.6238, 80.7219,
62.6273

■ 67.8193, 86.9352,
63.6582

■ 67.9395, 86.9972,
63.6638

Harmonies

Analogous

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



30.6918, 26.0785, 74.3805



36.6874, 26.0785, 53.5521



39.4985, 26.0785, 30.9749

Triad

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



36.6874, 26.0785, 53.5521



25.6720, 26.0785, 5.5383



15.1472, 26.0785, 47.1973

Complementary

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



36.6874, 26.0785, 53.5521



28.5675, 42.7111, 21.4916

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.



14.2741, 26.0785, 25.9626



36.6874, 26.0785, 53.5521



19.6924, 26.0785, 6.8167

Square

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



36.6874, 26.0785, 53.5521



32.4723, 26.0785, 7.8310



15.7860, 26.0785, 12.6872



18.4211, 26.0785, 69.7204

Rectangle

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



36.6874, 26.0785, 53.5521



38.8819, 26.0785, 19.6132



15.7860, 26.0785, 12.6872



14.5909, 26.0785, 39.4707

Sweetspot

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



36.6883, 26.0797, 53.5527



81.2678, 76.8961, 100.9194



21.9363, 18.9248, 52.9491



17.1258, 15.8941, 21.5505



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.



36.6883, 26.0797, 53.5527



62.2268, 40.0495, 94.8109



33.4241, 24.8325, 33.7210



10.4725, 10.2348, 12.7084



20.2639, 9.7068, 34.3622



0.8833, 0.4234, 1.4851

Inverse Universe

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



30.4938, 23.6603, 18.2902



49.6795, 35.1591, 22.9340



30.9049, 43.6170, 35.1135



10.0828, 10.0817, 10.5267



14.6487, 7.5492, 0.7962



0.6364, 0.3276, 0.0526

Previews

White Background



This preview shows how the XYZ color 36.6874, 26.0785, 53.5521 looks on a white background.

Color Contrast Check

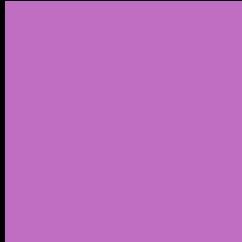
Large Text (above 18pt) WCAG AA ✓ Pass

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 36.6874, 26.0785, 53.5521 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

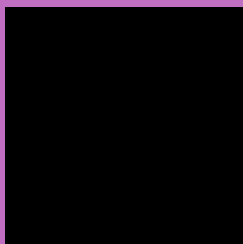
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 36.6874, 26.0785, 53.5521

Background



This preview shows how black text looks on a background with the XYZ color 36.6874, 26.0785, 53.5521.



This preview shows how white text looks on a background with the XYZ color 36.6874, 26.0785,

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

36.6874, 26.0785, 53.5521

Protanopia

28.0363, 26.5280, 67.9327

Deuteranopia

26.9180, 26.3198, 51.2385



Tritanopia

30.8450, 25.9267, 25.5689

Trichromacy



Original Color

36.6874, 26.0785, 53.5521

Protanomaly

29.9662, 25.6061, 62.3946

Deuteranomaly

29.5911, 25.6401, 52.1046

Tritanomaly

32.6445, 25.7625, 34.2625

Monochromacy



Original Color

36.6874, 26.0785, 53.5521

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

29.4708, 26.6882, 37.7805

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.6874, 26.0785, 53.5521 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(191, 110, 193)` looks like.

```
.text, #text, p{  
    color:rgb(191, 110, 193)  
}
```

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(191, 110, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 110, 193) }
```

Border

The CSS property to change the border of an element to XYZ 36.6874, 26.0785, 53.5521 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(191, 110, 193) }
```


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

```
.border{ border-color:rgb(191, 110, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 110, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 110, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 110, 193);  
box-shadow:4px 4px 4px 4px rgb(191, 110,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 36.6874, 26.0785, 53.5521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 110, 193) }
```

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

```
.background{ background-color: rgb(191,  
110, 193) }
```

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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