

Converting Colors

XYZ(35.7308, 24.5408, 51.5622)

Have a look what the booklet for
XYZ(35.7308, 24.5408, 51.5622)
contains.

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Color

**XYZ(35.6304, 24.4946,
51.5652)**

Conversions

Conversions Part 1

Format	Color
Hex	BF67BE
RGB	191, 103, 190
RGB Percent	75%, 40%, 75%
CMY	0.2510, 0.5961, 0.2549
CMYK	0.00, 0.46, 0.01, 0.25
HSL	301°, 41%, 58%
HSV	301°, 46%, 75%
XYZ	35.6304, 24.4946, 51.5652
YIQ	139.2300, 24.5210, 45.7130

Conversions

Conversions Part 2

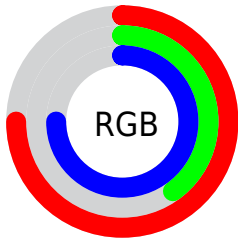
Format	Color
R_{YB}	191, 103, 190
Decimal	12543934
CIE _{Lab}	56.58, 47.68, -30.76
CIE _{LCh}	57, 56.738, 327.174
Yxy	24.4946, 0.3190, 0.2193
Android (android.graphics.Color)	4290734014 (0xFFBF67BE)
YUV	139.2300, 25.0296, 45.4023
Hunter-Lab	49.4920, 41.8951, -27.1292

Details

The XYZ color **35.6304, 24.4946, 51.5652** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **26.7241, 41.1456, 19.6315**, and the grayscale version is **24.5300, 25.8074, 28.1043**.

A 20% lighter version of the original color is **67.9124, 50.9691, 94.2543**, and **15.6194, 9.2961, 24.2636** is the 20% darker color. If you saturate the color by 10%, you get **33.9197, 21.1106, 50.8782**, and if you desaturate by 10%, it is **37.7767, 28.7486, 52.3981**.

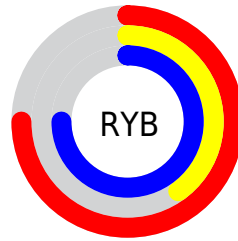
Distribution



Red (75%)

Green (40%)

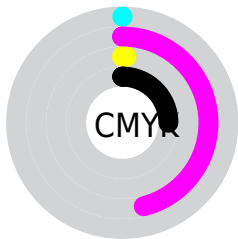
Blue (75%)



Red (75%)

Yellow (40%)

Blue (75%)

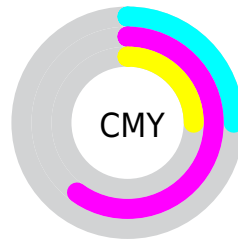


Cyan (0%)

Magenta (46%)

Yellow (1%)

Black (25%)



Cyan (25%)


Magenta (60%)


Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.6304, 24.4946, 51.5652 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 35.6304, 24.4946, 51.5652 by changing the saturation by 10% instead.

 35.6304, 24.4946,
51.5652


 35.6304, 24.4946,
51.5652


318.8017,
275.3116, 409.6648


 24.3177, 15.7009,
36.2788


 67.7888, 50.8361,
93.9097


 15.6954, 9.3128,
24.3582


 89.3652, 69.1528,
121.8049

 9.3984, 4.9457,
15.3849


 115.0936, 91.4125,
154.7401

 5.0611, 2.2155,
8.9403

 145.3392,
117.9997, 193.1338

 2.3183, 0.7284,
4.6060

180.4675,
149.2989, 237.4046

 0.8040, 0.0000,
1.9633

220.8437,

 0.0000, 0.0000,

185.6943, 287.9710

0.5326

266.8333,
227.5704, 345.2516

■ 0.0000, 0.0000,
0.0000

■ 35.6304, 24.4946,
51.5652

■ 35.6304, 24.4946,
51.5652

■ 33.9197, 21.1106,
50.8782

■ 37.7767, 28.7486,
52.3981

■ 32.6122, 18.5335,
50.3254

■ 40.3832, 33.9235,
53.3843

■ 31.6749, 16.6968,
49.8963

■ 43.4757, 40.0703,
54.5327

■ 31.0687, 15.5222,
49.5777

■ 47.0772, 47.2352,
55.8510

■ 30.7437, 14.9098,
49.3530

■ 51.2095, 55.4615,
57.3463

■ 30.6530, 14.7432,
49.2771

■ 55.8929, 64.7899,
59.0256

■ 61.1466, 75.2591,
60.8951

■ 66.7316, 86.3907,
62.8752

■ 66.7557, 86.4003,
63.0019

Harmonies

Analogous

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



29.5588, 24.4946, 73.7113



35.6304, 24.4946, 51.5652



38.3631, 24.4946, 28.4991

Triad

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



35.6304, 24.4946, 51.5652



23.9114, 24.4946, 4.3687



13.7329, 24.4946, 46.9058

Complementary

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



35.6304, 24.4946, 51.5652



26.7241, 41.1456, 19.6315

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.



12.7831, 24.4946, 24.9218



35.6304, 24.4946, 51.5652



17.9623, 24.4946, 5.6647

Square

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



35.6304, 24.4946, 51.5652



30.8452, 24.4946, 6.3255



14.1768, 24.4946, 11.4425



17.0678, 24.4946, 70.2451

Rectangle

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



35.6304, 24.4946, 51.5652



37.6017, 24.4946, 17.3286



14.1768, 24.4946, 11.4425



13.1551, 24.4946, 38.8806

Sweetspot

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



35.6312, 24.4957, 51.5657



78.9872, 73.9988, 98.0804



19.8489, 16.3469, 51.4001



17.0542, 15.6715, 21.4306



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.



35.6312, 24.4957, 51.5657



60.8037, 37.9157, 91.1440



31.6036, 22.8846, 30.3565



9.9252, 9.6944, 11.9950



20.1466, 9.6898, 32.3952



0.7907, 0.3802, 1.2769

Inverse Universe

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



35.6312, 24.4957, 51.5657



60.8037, 37.9157, 91.1440



29.4918, 42.2527, 34.2062



9.9252, 9.6944, 11.9950



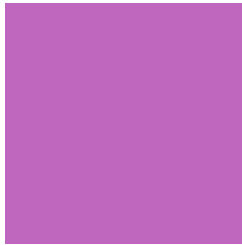
20.1466, 9.6898, 32.3952



0.7907, 0.3802, 1.2769

Previews

White Background



This preview shows how the XYZ color 35.6304, 24.4946, 51.5652 looks on a white background.

Color Contrast Check

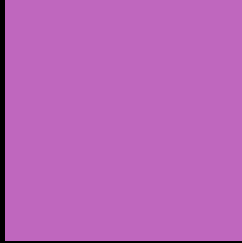
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.6304, 24.4946, 51.5652 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

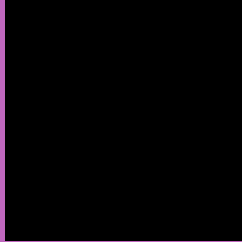
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 35.6304, 24.4946, 51.5652

Background



This preview shows how black text looks on a background with the XYZ color 35.6304, 24.4946, 51.5652.



This preview shows how white text looks on a background with the XYZ color 35.6304, 24.4946,

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

35.6304, 24.4946, 51.5652

Protanopia

26.6165, 24.9597, 67.7048

Deuteranopia

25.2029, 24.6485, 48.7767



Tritanopia

29.7728, 24.5305, 22.9043

Trichromacy



Original Color

35.6304, 24.4946, 51.5652



Protanomaly

28.3769, 23.8564, 61.5016



Deuteranomaly

27.9785, 23.9141, 49.5956



Tritanomaly

31.5796, 24.4193, 31.4827

Monochromacy



Original Color

35.6304, 24.4946, 51.5652



Achromatopsia

24.5403, 25.8183, 28.1161



Achromatomaly

27.7330, 24.6594, 35.6458

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.6304, 24.4946, 51.5652 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, 103, 190)` looks like.

```
.text, #text, p{  
    color:rgb(191, 103, 190)  
}
```

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, 103, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 103, 190) }
```

Border

The CSS property to change the border of an element to XYZ 35.6304, 24.4946, 51.5652 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, 103, 190) }
```


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

```
.border{ border-color:rgb(191, 103, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 103, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 103, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 103, 190);  
box-shadow:4px 4px 4px 4px rgb(191, 103,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 35.6304, 24.4946, 51.5652 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 103, 190) }
```

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

```
.background{ background-color: rgb(191,  
103, 190) }
```

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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