

Converting Colors

YUV(112.4510, 36.7527,
65.3795)

Have a look what the booklet for
YUV(112.4510, 36.7527, 65.3795)
contains.

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Color

**YUV(112.4510, 36.7527,
65.3795)**

Conversions

Conversions Part 1

Format	Color
Hex	BB3CBB
RGB	187, 60, 187
RGB Percent	73%, 24%, 73%
CMY	0.2667, 0.7647, 0.2667
CMYK	0.00, 0.68, 0.00, 0.27
HSL	300°, 51%, 48%
HSV	300°, 68%, 73%
XYZ	31.0790, 17.3844, 48.7312
YIQ	112.4510, 34.9250, 66.4210

Conversions

Conversions Part 2

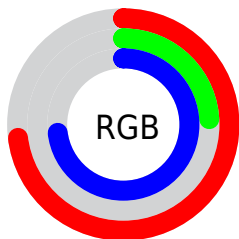
Format	Color
R_{YB}	187, 60, 187
Decimal	12270779
CIE _{Lab}	48.74, 65.41, -41.36
CIE _{LCh}	49, 77.391, 327.693
Yxy	17.3844, 0.3198, 0.1789
Android (android.graphics.Color)	4290460859 (0xFFBB3CBB)
YUV	112.4510, 36.7527, 65.3795
Hunter-Lab	41.6946, 60.0879, -40.1099

Details

The YUV color **112.4510, 36.7527, 65.3795** is a dark color, and the websafe version is hex **CC33CC**. A complement of this color would be **134.5490, -36.7527, -65.3795**, and the grayscale version is **112.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **170.6360, 36.1685, 66.0942**, and **54.0320, 38.9312, 66.6239** is the 20% darker color. If you saturate the color by 10%, you get **101.2980, 42.2511, 75.1607**, and if you desaturate by 10%, it is **123.6040, 31.2542, 55.5983**.

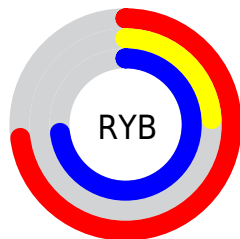
Distribution



Red (73%)

Green (24%)

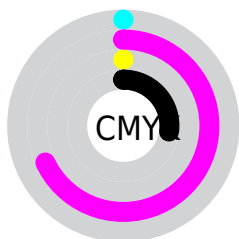
Blue (73%)



Red (73%)

Yellow (24%)

Blue (73%)

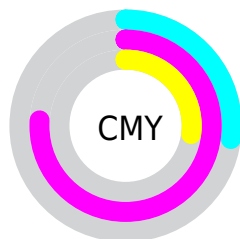


Cyan (0%)

Magenta (68%)

Yellow (0%)

Black (27%)



Cyan (27%)

Magenta (76%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 112.4510, 36.7527, 65.3795 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 YUV color 112.4510, 36.7527, 65.3795 by changing the saturation by 10% instead.

■ 112.4510, 36.7527,
65.3795

■ 112.4510, 36.7527,
65.3795

255.0000, 0.0000,
0.0000

■ 80.1570, 39.3626,
68.2683

■ 170.6360, 36.1685,
66.0942

■ 54.0320, 38.9312,
66.6239

■ 191.0170, 31.5436,
56.1131

■ 42.6960, 31.7019,
52.0096

■ 207.4530, 23.4407,
41.6987

■ 31.8870, 25.1987,
37.8101

■ 224.4760, 15.0483,
26.7695

■ 21.9750, 18.2533,
25.4549

■ 242.0860, 6.3666,
11.3256

■ 8.8880, 13.3662,
6.2372

■ 1.2540, 4.8048,

-1.0998

■ 0.0000, 0.0000,
0.0000

■ 112.4510, 36.7527,
65.3795

■ 112.4510, 36.7527,
65.3795

■ 101.2980, 42.2511,
75.1607

■ 123.6040, 31.2542,
55.5983

■ 90.7320, 47.4601,
84.4270

■ 134.1700, 26.0452,
46.3319

■ 79.5790, 52.9586,
94.2082

■ 145.3230, 20.5468,
36.5507

■ 77.2310, 54.1161,
96.2674

■ 156.4760, 15.0483,
26.7695

■ 167.6290, 9.5499,
16.9884

■ 178.1950, 4.3409,
7.7220

■ 189.3480, -1.1576,
-2.0592

■ 200.5010, -6.6560,
-11.8404

■ 211.0670,
-11.8650, -21.1068

Harmonies

Analogous

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



113.4710, 59.4208, -18.8301



112.4510, 36.7527, 65.3795



83.4600, 19.9862, 123.2536

Triad

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



112.4510, 36.7527, 65.3795



109.0990, -53.7858, 31.4852



103.8910, 35.0567, -91.1124

Complementary

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



112.4510, 36.7527, 65.3795



134.5490, -36.7527, -65.3795

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.



96.3670, 6.2281, -84.5139



112.4510, 36.7527, 65.3795



99.9420, -49.2714, -16.6121

Square

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



112.4510, 36.7527, 65.3795



106.1400, -52.3270, 77.0532



85.8110, -24.0638, -75.2562



107.4710, 58.9278, -94.2521

Rectangle

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



112.4510, 36.7527, 65.3795



88.2600, -3.5792, 121.6750



85.8110, -24.0638, -75.2562



101.4970, 25.8840, -89.0129

Sweetspot

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



112.4510, 36.7527, 65.3795



213.8240, 13.8908, 24.7104



74.4780, 55.4733, -12.6972



104.9770, 8.3923, 14.9292



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



112.4510, 36.7527, 65.3795



126.9480, 56.7206, 100.9006



105.1550, 8.7976, 71.7781



88.7170, 2.6045, 4.6332



65.2540, 45.7238, 81.3382



12.8030, 8.9711, 15.9588

Inverse Universe

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



112.4510, 36.7527, 65.3795



126.9480, 56.7206, 100.9006



141.7310, -9.2344, -71.6781



88.7170, 2.6045, 4.6332



65.2540, 45.7238, 81.3382



12.8030, 8.9711, 15.9588

Previews

White Background



This preview shows how the YUV color 112.4510, 36.7527, 65.3795 looks on a white background.

Color Contrast Check

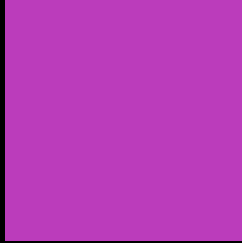
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 112.4510, 36.7527, 65.3795 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

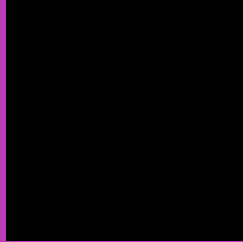
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 112.4510, 36.7527, 65.3795

Background



This preview shows how black text looks on a background with the YUV color 112.4510, 36.7527, 65.3795.



This preview shows how white text looks on a background with the YUV color 112.4510, 36.7527, 65.3795.

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

112.4510, 36.7527, 65.3795

Protanopia

99.8240, 67.1348, -66.4976

Deuteranopia

114.0980, 31.5037, -24.6419



Tritanopia

116.1100, -9.9142, 53.4005

Trichromacy



Original Color

112.4510, 36.7527, 65.3795



Protanomaly

104.2600, 56.0738, -18.6450



Deuteranomaly

113.7630, 33.1478, 8.1008



Tritanomaly

114.6110, 7.0938, 58.2232

Monochromacy



Original Color

112.4510, 36.7527, 65.3795



Achromatopsia

112.0000, 0.0000, 0.0000



Achromatomaly

111.9980, 13.3120, 23.6808

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.4510, 36.7527, 65.3795 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(187, 60, 187)` looks like.

```
.text, #text, p{  
    color:rgb(187, 60, 187)  
}
```

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(187, 60, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 60, 187) }
```

Border

The CSS property to change the border of an element to YUV 112.4510, 36.7527, 65.3795 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(187, 60, 187) }
```


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

```
.border{ border-color:rgb(187, 60, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 60, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 60, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 60, 187);  
box-shadow:4px 4px 4px 4px rgb(187, 60,  
187) }
```

Background

The CSS property to change the background color of an element to YUV 112.4510, 36.7527, 65.3795 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 60, 187) }
```

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

```
.background{ background-color: rgb(187, 60,  
187) }
```

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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