

Converting Colors

YUV(136.3540, 30.3915,
52.3095)

Have a look what the booklet for
YUV(136.3540, 30.3915, 52.3095)
contains.

YUV(136.3540, 30.3915, 52.3095)	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

**YUV(136.3540, 30.3915,
52.3095)**

Conversions

Conversions Part 1

Format	Color
Hex	C45EC6
RGB	196, 94, 198
RGB Percent	77%, 37%, 78%
CMY	0.2314, 0.6314, 0.2235
CMYK	0.01, 0.53, 0.00, 0.22
HSL	299°, 48%, 57%
HSV	299°, 53%, 78%
XYZ	36.9607, 23.8184, 56.0754
YIQ	136.3540, 27.4080, 53.9680

Conversions

Conversions Part 2

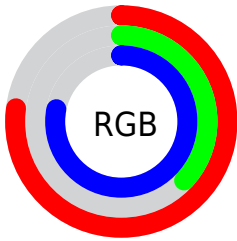
Format	Color
R_{YB}	196, 94, 198
Decimal	12869318
CIE _{Lab}	55.91, 55.02, -36.34
CIE _{LCh}	56, 65.933, 326.555
Yxy	23.8184, 0.3163, 0.2038
Android (android.graphics.Color)	4291059398 (0xFFC45EC6)
YUV	136.3540, 30.3915, 52.3095
Hunter-Lab	48.8041, 49.7759, -33.9608

Details

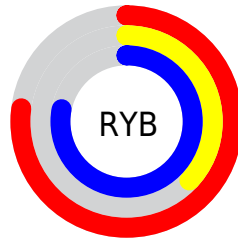
The YUV color **136.3540, 30.3915, 52.3095** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted magenta. A complement of this color would be **155.6460, -30.3915, -52.3095**, and the grayscale version is **136.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **192.1910, 30.9648, 55.0835**, and **80.5820, 31.2651, 52.1096** is the 20% darker color. If you saturate the color by 10%, you get **124.6140, 36.1793, 62.6055**, and if you desaturate by 10%, it is **148.0940, 24.6037, 42.0136**.

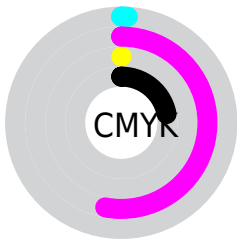
Distribution



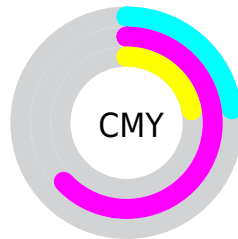
- Red (77%)
- Green (37%)
- Blue (78%)



- Red (77%)
- Yellow (37%)
- Blue (78%)



- Cyan (1%)
- Magenta (53%)
- Yellow (0%)
- Black (22%)




- Cyan (23%)
- Magenta (63%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the YUV color 136.3540, 30.3915, 52.3095 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 136.3540, 30.3915, 52.3095 by changing the saturation by 10% instead.


 136.3540, 30.3915,
52.3095


 136.3540, 30.3915,
52.3095

255.0000, 0.0000,
0.0000


 108.9410, 30.1021,
51.7947


 192.1910, 30.9648,
55.0835

 80.5820, 31.2651,
52.1096


 208.6270, 22.8619,
40.6691


 46.9400, 35.0326,
57.0576

 225.6500, 14.4696,
25.7400

 36.3160, 27.9452,
43.5729

 242.6730, 6.0772,
10.8108

 25.6920, 20.8578,
30.0881

 15.7090, 14.9335,
16.9182

 3.3230, 10.1938,

-2.9143

■ 0.0000, 0.0000,
0.0000

■ 136.3540, 30.3915,
52.3095

■ 136.3540, 30.3915,
52.3095

■ 124.6140, 36.1793,
62.6055

■ 148.0940, 24.6037,
42.0136

■ 112.5750, 42.1145,
72.2867

■ 160.1330, 18.6684,
32.3324

■ 101.4220, 47.6130,
82.0679

■ 171.2860, 13.1700,
22.5512

■ 89.3830, 53.5482,
91.7491

■ 183.3250, 7.2348,
12.8700

■ 80.5780, 57.8890,
99.4711

■ 195.0650, 1.4470,
2.5740

■ 206.8050, -4.3409,
-7.7220

■ 218.8440,
-10.2761, -17.4032

■ 229.9970,
-15.7745, -27.1844

■ 231.7580,
-16.6427, -28.7288

Harmonies

Analogous

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



133.9140, 50.8214, -13.9566



136.3540, 30.3915, 52.3095



128.8090, 6.9962, 89.6215

Triad

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



136.3540, 30.3915, 52.3095



125.3570, -61.8010, 35.6439



114.8960, 34.0683, -100.7638

Complementary

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



136.3540, 30.3915, 52.3095



155.6460, -30.3915, -52.3095

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.



108.1700, 8.2972, -94.8651



136.3540, 30.3915, 52.3095



119.0050, -58.1765, -7.0204

Square

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



136.3540, 30.3915, 52.3095



128.5890, -46.6324, 70.5204



98.5090, -16.0269, -86.3924



117.0910, 55.1711, -102.6888

Rectangle

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



136.3540, 30.3915, 52.3095



126.5590, -10.6286, 95.9798



98.5090, -16.0269, -86.3924



112.7300, 25.7691, -98.8642

Sweetspot

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



136.3540, 30.3915, 52.3095



230.6340, 12.0124, 20.4920



107.6170, 44.5588, -11.9421



113.0260, 7.3822, 12.2552



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



136.3540, 30.3915, 52.3095



159.5960, 47.0342, 81.0383



131.3660, 8.6936, 58.4380



93.7170, 2.6045, 4.6332



66.4220, 47.6130, 82.0679



14.5690, 10.5655, 17.9180

Inverse Universe

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



125.3240, -14.4567, 63.7369



142.4810, -22.4221, 98.6792



160.6340, -8.6936, -58.4380



92.6910, -1.3267, 5.5330



49.0790, -22.7169, 99.9087



10.8780, -4.8699, 22.0320

Previews

White Background



This preview shows how the YUV color 136.3540, 30.3915, 52.3095 looks on a white background.

Color Contrast Check

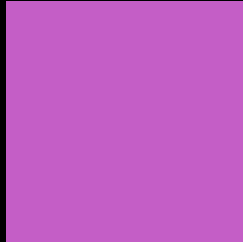
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the YUV color 136.3540, 30.3915, 52.3095 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

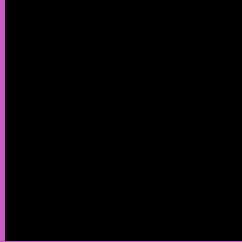
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 136.3540, 30.3915, 52.3095

Background



This preview shows how black text looks on a background with the YUV color 136.3540, 30.3915, 52.3095.



This preview shows how white text looks on a background with the YUV color 136.3540, 30.3915, 52.3095.

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

136.3540, 30.3915, 52.3095

Protanopia

130.3260, 49.1393, -34.4889

Deuteranopia

133.6320, 28.2824, -18.0943



Tritanopia

136.1520, -6.9769, 44.5937

Trichromacy



Original Color

136.3540, 30.3915, 52.3095



Protanomaly

132.6890, 42.0583, -3.2353



Deuteranomaly

134.7260, 29.2221, 7.2563



Tritanomaly

136.1320, 6.8369, 47.2422

Monochromacy



Original Color

136.3540, 30.3915, 52.3095



Achromatopsia

136.0000, 0.0000, 0.0000



Achromatomaly

136.3950, 11.1443, 18.9476

CSS Examples

Text

The CSS property to change the color of the text to YUV 136.3540, 30.3915, 52.3095 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(196, 94, 198)` looks like.

```
.text, #text, p{  
    color:rgb(196, 94, 198)  
}
```

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(196, 94, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 94, 198) }
```

Border

The CSS property to change the border of an element to YUV 136.3540, 30.3915, 52.3095 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(196, 94, 198) }
```


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

```
.border{ border-color:rgb(196, 94, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 94, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 94, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 94, 198);  
box-shadow:4px 4px 4px 4px rgb(196, 94,  
198) }
```

Background

The CSS property to change the background color of an element to YUV 136.3540, 30.3915, 52.3095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 94, 198) }
```

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

```
.background{ background-color: rgb(196, 94,  
198) }
```

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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