

Converting Colors

YUV(145.4410, 8.1636, 41.7092)

Have a look what the booklet for
YUV(145.4410, 8.1636, 41.7092)
contains.

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Color

**YUV(145.4410, 8.1636,
41.7092)**

Conversions

Conversions Part 1

Format	Color
Hex	C176A2
RGB	193, 118, 162
RGB Percent	76%, 46%, 64%
CMY	0.2431, 0.5373, 0.3647
CMYK	0.00, 0.39, 0.16, 0.24
HSL	325°, 38%, 61%
HSV	325°, 39%, 76%
XYZ	34.9923, 26.9030, 37.5309
YIQ	145.4410, 30.5760, 29.5840

Conversions

Conversions Part 2

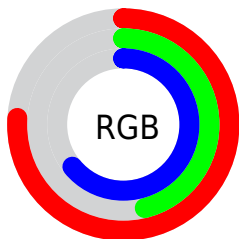
Format	Color
R_{YB}	193, 118, 162
Decimal	12678818
CIE _{Lab}	58.88, 35.58, -11.12
CIE _{LCh}	59, 37.275, 342.646
Yxy	26.9030, 0.3519, 0.2706
Android (android.graphics.Color)	4290868898 (0xFFC176A2)
YUV	145.4410, 8.1636, 41.7092
Hunter-Lab	51.8681, 29.6544, -6.5937

Details

The YUV color **145.4410, 8.1636, 41.7092** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **165.5590, -8.1636, -41.7092**, and the grayscale version is **145.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **200.1640, 8.3001, 44.5832**, and **93.1310, 8.3164, 39.3501** is the 20% darker color. If you saturate the color by 10%, you get **133.3760, 10.1676, 52.2902**, and if you desaturate by 10%, it is **157.5060, 6.1595, 31.1282**.

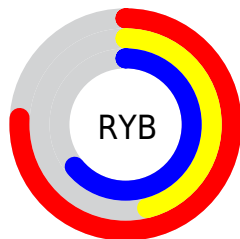
Distribution



Red (76%)

Green (46%)

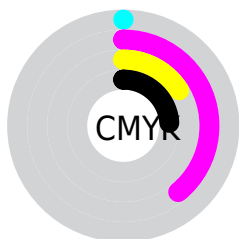
Blue (64%)



Red (76%)

Yellow (46%)

Blue (64%)

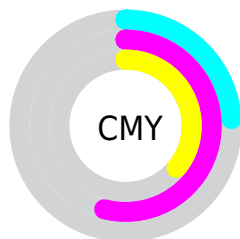


Cyan (0%)

Magenta (39%)

Yellow (16%)

Black (24%)



Cyan (24%)


Magenta (54%)


Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 145.4410, 8.1636, 41.7092 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 145.4410, 8.1636, 41.7092 by changing the saturation by 10% instead.


 145.4410, 8.1636,
41.7092


 145.4410, 8.1636,
41.7092

255.0000, 0.0000,
0.0000


 118.8430, 8.4584,
40.4797

 200.1640, 8.3001,
44.5832


 93.1310, 8.3164,
39.3501


 220.9880, 11.8379,
29.8285

 68.2340, 8.7586,
37.5058

 239.1510, 7.8136,
13.8996

 42.8750, 9.9216,
37.8206

 22.9130, 8.9169,
33.4023

 14.2400, 2.8397,
22.5915

 0.0000, 0.0000,

0.0000

■ 145.4410, 8.1636,
41.7092

■ 145.4410, 8.1636,
41.7092

■ 133.3760, 10.1676,
52.2902

■ 157.5060, 6.1595,
31.1282

■ 120.7240, 12.4611,
63.3861

■ 170.1580, 3.8661,
20.0324

■ 108.6590, 14.4651,
73.9671

■ 182.2230, 1.8621,
9.4514

■ 96.5940, 16.4692,
84.5481

■ 194.2880, -0.1420,
-1.1296

■ 84.5290, 18.4732,
95.1291

■ 206.3530, -2.1460,
-11.7106

■ 71.8770, 20.7666,
106.2249

■ 219.0050, -4.4395,
-22.8064

■ 70.5890, 20.9086,
107.3544

■ 231.0700, -6.4435,
-33.3874

■ 233.1560, -3.5279,
-35.2168

■ 234.0680, -0.0335,
-36.0166

Harmonies

Analogous

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



145.5330, 21.9222, 15.3186



145.4410, 8.1636, 41.7092



144.0930, -7.4408, 53.4154

Triad

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



145.4410, 8.1636, 41.7092



137.7430, -30.4393, 9.8724



113.2490, 35.3732, -99.3194

Complementary

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



145.4410, 8.1636, 41.7092



165.5590, -8.1636, -41.7092

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.



111.0030, 21.6905, -97.3496



145.4410, 8.1636, 41.7092



134.0860, -20.7484, -18.4924

Square

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



145.4410, 8.1636, 41.7092



140.5980, -30.3678, 33.6786



126.5840, -2.7529, -50.5012



125.6580, 38.6226, -68.1061

Rectangle

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



145.4410, 8.1636, 41.7092



142.5630, -17.0396, 52.1262



126.5840, -2.7529, -50.5012



112.8100, 31.1527, -98.9344

Sweetspot

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



145.4410, 8.1636, 41.7092



231.0220, 3.4402, 16.6437



135.5200, 28.3376, 10.9450



113.6360, 2.1515, 9.9662



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



145.4410, 8.1636, 41.7092



175.1480, 12.7450, 65.6452



141.3370, -7.5611, 45.3085



90.6740, 1.1467, 5.5479



58.8550, 17.3265, 89.5812



12.0330, 3.4347, 18.3881

Inverse Universe

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



145.4410, 8.1636, 41.7092



175.1480, 12.7450, 65.6452



169.7770, 7.9979, -45.4084



90.6740, 1.1467, 5.5479



58.8550, 17.3265, 89.5812



12.0330, 3.4347, 18.3881

Previews

White Background



This preview shows how the YUV color 145.4410, 8.1636, 41.7092 looks on a white background.

Color Contrast Check

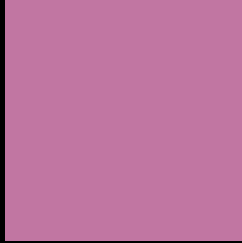
Large Text (above 18pt) WCAG AA ✓ Pass

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 145.4410, 8.1636, 41.7092 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

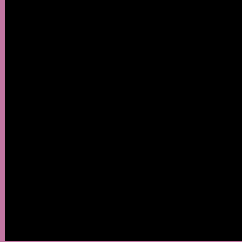
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 145.4410, 8.1636, 41.7092

Background



This preview shows how black text looks on a background with the YUV color 145.4410, 8.1636, 41.7092.



This preview shows how white text looks on a background with the YUV color 145.4410, 8.1636,

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

145.4410, 8.1636, 41.7092

Protanopia

142.7120, 16.9040, -8.5174

Deuteranopia

143.2700, 7.2619, 4.1482



Tritanopia

144.7600, -5.7977, 39.6755

Trichromacy



Original Color

145.4410, 8.1636, 41.7092

Protanomaly

144.0240, 13.7922, 9.6260

Deuteranomaly

144.0590, 7.3659, 17.4883

Tritanomaly

145.1390, -0.5615, 40.2201

Monochromacy



Original Color

145.4410, 8.1636, 41.7092

Achromatopsia

145.0000, 0.0000, 0.0000

Achromatomaly

144.8970, 3.0088, 14.9993

CSS Examples

Text

The CSS property to change the color of the text to YUV 145.4410, 8.1636, 41.7092 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(193, 118, 162)` looks like.

```
.text, #text, p{  
    color:rgb(193, 118, 162)  
}
```

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(193, 118, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 118, 162) }
```

Border

The CSS property to change the border of an element to YUV 145.4410, 8.1636, 41.7092 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(193, 118, 162) }
```


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

```
.border{ border-color:rgb(193, 118, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 118, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 118, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 118, 162);  
box-shadow:4px 4px 4px 4px rgb(193, 118,  
162) }
```

Background

The CSS property to change the background color of an element to YUV 145.4410, 8.1636, 41.7092 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 118, 162) }
```

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

```
.background{ background-color: rgb(193,  
118, 162) }
```

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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