

Converting Colors

YUV(145.2680, 24.0249,
40.9840)

Have a look what the booklet for
YUV(145.2680, 24.0249, 40.9840)
contains.

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Color

**YUV(145.2680, 24.0249,
40.9840)**

Conversions

Conversions Part 1

Format	Color
Hex	C070C2
RGB	192, 112, 194
RGB Percent	75%, 44%, 76%
CMY	0.2471, 0.5608, 0.2392
CMYK	0.01, 0.42, 0.00, 0.24
HSL	299°, 40%, 60%
HSV	299°, 42%, 76%
XYZ	37.2700, 26.6899, 54.2262
YIQ	145.2680, 21.3580, 42.4620

Conversions

Conversions Part 2

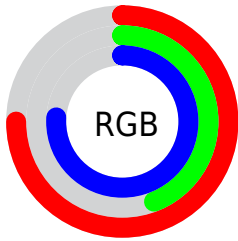
Format	Color
R _Y B	192, 112, 194
Decimal	12611778
CIE Lab	58.69, 44.05, -29.76
CIE LCh	59, 53.158, 325.953
Yxy	26.6899, 0.3154, 0.2258
Android (android.graphics.Color)	4290801858 (0xFFC070C2)
YUV	145.2680, 24.0249, 40.9840
Hunter-Lab	51.6622, 38.3640, -26.0690

Details

The YUV color **145.2680, 24.0249, 40.9840** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **160.7320, -24.0249, -40.9840**, and the grayscale version is **145.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **200.8060, 24.7456, 43.1431**, and **92.7300, 23.3041, 38.8248** is the 20% darker color. If you saturate the color by 10%, you get **134.1150, 29.5233, 50.7651**, and if you desaturate by 10%, it is **156.4210, 18.5264, 31.2028**.

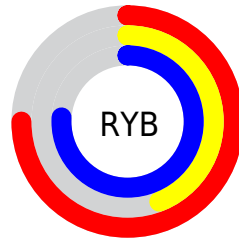
Distribution



Red (75%)

Green (44%)

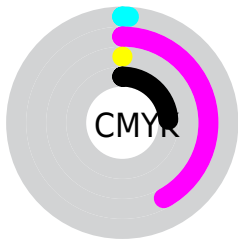
Blue (76%)



Red (75%)

Yellow (44%)

Blue (76%)

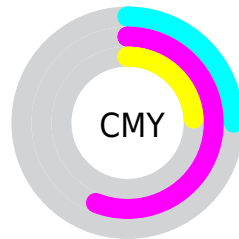


Cyan (1%)

Magenta (42%)

Yellow (0%)

Black (24%)



Cyan (25%)

Magenta (56%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 145.2680, 24.0249, 40.9840 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 145.2680, 24.0249, 40.9840 by changing the saturation by 10% instead.

145.2680, 24.0249,
40.9840

145.2680, 24.0249,
40.9840

255.0000, 0.0000,
0.0000

118.5560, 23.8829,
39.8544

200.8060, 24.7456,
43.1431

92.7300, 23.3041,
38.8248

218.6060, 17.9422,
31.9175

66.4310, 23.4515,
38.2100

235.6290, 9.5499,
16.9884

37.0230, 25.6247,
41.1988

252.6520, 1.1576,
2.0592

25.1650, 20.1317,
29.6733

16.2640, 13.1808,
19.0625

2.9810, 8.8834,

-2.6143

■ 0.0000, 0.0000,
0.0000

■ 145.2680, 24.0249,
40.9840

■ 145.2680, 24.0249,
40.9840

■ 134.1150, 29.5233,
50.7651

■ 156.4210, 18.5264,
31.2028

■ 122.0760, 35.4585,
60.4463

■ 168.4600, 12.5912,
21.5216

■ 110.9230, 40.9570,
70.2275

■ 179.6130, 7.0928,
11.7404

■ 98.8840, 46.8922,
79.9087

■ 191.6520, 1.1576,
2.0592

■ 87.7310, 52.3906,
89.6899

■ 202.8050, -4.3409,
-7.7220

■ 78.6270, 56.8789,
96.7971

■ 214.2570, -9.9867,
-16.8884

■ 225.9970,
-15.7745, -27.1844

■ 230.4050,
-17.9477, -30.1732

Harmonies

Analogous

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



142.0150, 40.9116, -8.7832



145.2680, 24.0249, 40.9840



141.4770, 3.7088, 70.6187

Triad

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



145.2680, 24.0249, 40.9840



136.6350, -46.6551, 31.0151



116.3150, 31.8897, -102.0083

Complementary

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



145.2680, 24.0249, 40.9840



160.7320, -24.0249, -40.9840

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.



110.8430, 10.9234, -97.2093



145.2680, 24.0249, 40.9840



132.1250, -39.9946, -5.3716

Square

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



145.2680, 24.0249, 40.9840



138.7430, -36.8483, 58.9844



122.6860, -17.5932, -50.5906



118.1850, 49.2088, -103.6482

Rectangle

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



145.2680, 24.0249, 40.9840



140.0250, -10.8583, 76.2771



122.6860, -17.5932, -50.5906



115.0780, 24.6115, -100.9234

Sweetspot

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



145.2680, 24.0249, 40.9840



233.2160, 9.2605, 16.4736



123.1090, 34.9493, -9.7426



115.3740, 6.2246, 10.1960



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.



145.2680, 24.0249, 40.9840



175.9670, 37.4843, 64.0499



141.5340, 7.1317, 46.0127



91.1300, 2.8939, 5.1480



65.2970, 47.1816, 80.4235



13.3300, 9.6973, 16.3736

Inverse Universe

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



136.7460, -11.2138, 50.2118



162.6140, -17.5577, 78.3915



164.4660, -7.1317, -46.0127



89.9900, -1.4741, 6.1478



48.5950, -21.9853, 98.5792



9.9810, -4.4276, 20.1877

Previews

White Background



This preview shows how the YUV color 145.2680, 24.0249, 40.9840 looks on a white background.

Color Contrast Check

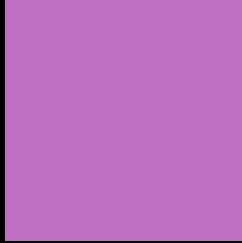
Large Text (above 18pt) WCAG AA ✓ Pass

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 145.2680, 24.0249, 40.9840 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

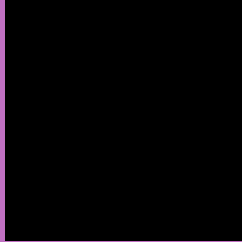
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 145.2680, 24.0249, 40.9840

Background



This preview shows how black text looks on a background with the YUV color 145.2680, 24.0249, 40.9840.



This preview shows how white text looks on a background with the YUV color 145.2680, 24.0249, 40.9840.

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

145.2680, 24.0249, 40.9840

Protanopia

140.3030, 37.3186, -23.0677

Deuteranopia

141.7100, 23.3140, -11.1467



Tritanopia

143.7810, -4.3290, 35.2721

Trichromacy



Original Color

145.2680, 24.0249, 40.9840



Protanomaly

141.8930, 32.5908, 0.0938



Deuteranomaly

142.9450, 23.6911, 7.9412



Tritanomaly

144.1370, 5.8485, 37.5909

Monochromacy



Original Color

145.2680, 24.0249, 40.9840



Achromatopsia

145.0000, 0.0000, 0.0000



Achromatomaly

145.0910, 8.8291, 14.8292

CSS Examples

Text

The CSS property to change the color of the text to YUV 145.2680, 24.0249, 40.9840 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(192, 112, 194)` looks like.

```
.text, #text, p{  
    color:rgb(192, 112, 194)  
}
```

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(192, 112, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 112, 194) }
```

Border

The CSS property to change the border of an element to YUV 145.2680, 24.0249, 40.9840 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(192, 112, 194) }
```


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

```
.border{ border-color:rgb(192, 112, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 112, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 112, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 112, 194);  
box-shadow:4px 4px 4px 4px rgb(192, 112,  
194) }
```

Background

The CSS property to change the background color of an element to YUV 145.2680, 24.0249, 40.9840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 112, 194) }
```

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

```
.background{ background-color: rgb(192,  
112, 194) }
```

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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