

Converting Colors

YUV(149.4660, 20.4763,
59.2273)

Have a look what the booklet for
YUV(149.4660, 20.4763, 59.2273)
contains.

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Color

**YUV(149.4660, 20.4763,
59.2273)**

Conversions

Conversions Part 1

Format	Color
Hex	D96BBF
RGB	217, 107, 191
RGB Percent	85%, 42%, 75%
CMY	0.1490, 0.5804, 0.2510
CMYK	0.00, 0.51, 0.12, 0.15
HSL	314°, 59%, 64%
HSV	314°, 51%, 85%
XYZ	43.2769, 29.0287, 52.6124
YIQ	149.4660, 38.5960, 49.4440

Conversions

Conversions Part 2

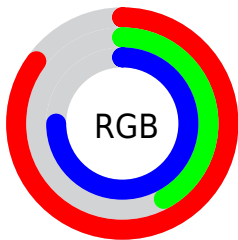
Format	Color
R _Y B	217, 107, 191
Decimal	14248895
CIE Lab	60.81, 53.59, -24.52
CIE LCh	61, 58.936, 335.419
Yxy	29.0287, 0.3464, 0.2324
Android (android.graphics.Color)	4292438975 (0xFFD96BBF)
YUV	149.4660, 20.4763, 59.2273
Hunter-Lab	53.8783, 49.0905, -20.1821

Details

The YUV color **149.4660, 20.4763, 59.2273** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **174.5340, -20.4763, -59.2273**, and the grayscale version is **149.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **199.6110, 23.8558, 48.5762**, and **93.9820, 21.2079, 57.8978** is the 20% darker color. If you saturate the color by 10%, you get **135.9820, 24.6589, 71.0528**, and if you desaturate by 10%, it is **162.9500, 16.2937, 47.4019**.

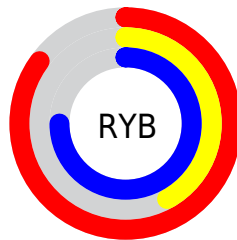
Distribution



Red (85%)

Green (42%)

Blue (75%)



Red (85%)

Yellow (42%)

Blue (75%)

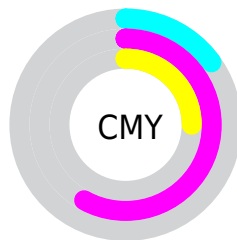


Cyan (0%)

Magenta (51%)

Yellow (12%)

Black (15%)



Cyan (15%)

Magenta (58%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 149.4660, 20.4763, 59.2273 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 149.4660, 20.4763, 59.2273 by changing the saturation by 10% instead.

149.4660, 20.4763,
59.2273

149.4660, 20.4763,
59.2273

255.0000, 0.0000,
0.0000

121.8680, 20.7711,
57.9978

199.6110, 23.8558,
48.5762

93.9820, 21.2079,
57.8978

216.8450, 18.8104,
33.4619

63.9760, 23.6758,
59.6570

233.8680, 10.4181,
18.5328

41.3130, 22.5237,
55.8535

250.8910, 2.0257,
3.6036

30.5040, 16.0205,
41.6540

21.2330, 10.2381,
29.6137

8.7440, 5.0562,

11.6255

■ 0.0000, 0.0000,
0.0000

■ 149.4660, 20.4763,
59.2273

■ 149.4660, 20.4763,
59.2273

■ 135.9820, 24.6589,
71.0528

■ 162.9500, 16.2937,
47.4019

■ 123.0850, 28.5521,
82.3635

■ 175.8470, 12.4004,
36.0912

■ 109.6010, 32.7347,
94.1889

■ 189.3310, 8.2178,
24.2657

■ 96.0030, 36.4805,
106.1144

■ 202.9290, 4.4720,
12.3403

■ 83.8070, 40.5211,
116.8103

■ 216.4130, 0.2894,
0.5148

■ 229.3100, -3.6038,
-10.7959

■ 240.4460, -6.6289,
-20.5621

■ 241.0160, -4.4449,
-21.0620

■ 241.5860, -2.2609,
-21.5619

Harmonies

Analogous

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



150.3100, 40.2732, 9.3751



149.4660, 20.4763, 59.2273



144.5450, -2.7337, 83.7140

Triad

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



149.4660, 20.4763, 59.2273



139.0440, -53.7587, 22.7634



123.2740, 40.7839, -108.1113

Complementary

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



149.4660, 20.4763, 59.2273



174.5340, -20.4763, -59.2273

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.



118.6340, 17.9284, -104.0420



149.4660, 20.4763, 59.2273



133.9660, -38.9302, -20.1412

Square

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



149.4660, 20.4763, 59.2273



142.9140, -46.2996, 57.0804



110.7170, -4.7905, -97.0988



123.1550, 58.0976, -108.0069

Rectangle

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



149.4660, 20.4763, 59.2273



143.6040, -19.0318, 84.5393



110.7170, -4.7905, -97.0988



122.0370, 33.5058, -107.0264

Sweetspot

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



149.4660, 20.4763, 59.2273



231.6680, 7.0657, 20.4622



127.3140, 44.2152, 4.9866



113.8150, 4.0352, 12.4402



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.



149.4660, 20.4763, 59.2273



159.2100, 28.9835, 84.0078



143.1960, -3.5476, 64.7261



103.2010, 1.8729, 5.9627



66.7750, 32.1559, 93.1593



17.7440, 8.5072, 24.7805

Inverse Universe

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



149.4660, 20.4763, 59.2273



159.2100, 28.9835, 84.0078



180.8040, 3.5476, -64.7261



103.2010, 1.8729, 5.9627



66.7750, 32.1559, 93.1593



17.7440, 8.5072, 24.7805

Previews

White Background



This preview shows how the YUV color 149.4660, 20.4763, 59.2273 looks on a white background.

Color Contrast Check

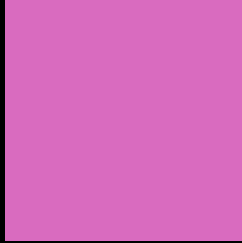
Large Text (above 18pt) WCAG AA ✓ Pass

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 149.4660, 20.4763, 59.2273 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

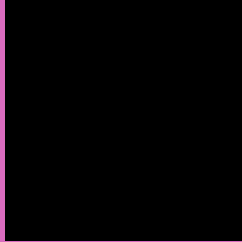
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 149.4660, 20.4763, 59.2273

Background



This preview shows how black text looks on a background with the YUV color 149.4660, 20.4763, 59.2273.



This preview shows how white text looks on a background with the YUV color 149.4660, 20.4763,

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

149.4660, 20.4763, 59.2273

Protanopia

146.3740, 36.2976, -22.2530

Deuteranopia

148.0760, 18.2035, -5.3287



Tritanopia

148.6370, -9.1880, 53.8154

Trichromacy



Original Color

149.4660, 20.4763, 59.2273



Protanomaly

147.3670, 30.3851, 7.5711



Deuteranomaly

148.7460, 18.8592, 17.7628



Tritanomaly

149.1070, 1.4262, 56.0342

Monochromacy



Original Color

149.4660, 20.4763, 59.2273



Achromatopsia

149.0000, 0.0000, 0.0000



Achromatomaly

149.3800, 7.2077, 21.5917

CSS Examples

Text

The CSS property to change the color of the text to YUV 149.4660, 20.4763, 59.2273 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(217, 107, 191)` looks like.

```
.text, #text, p{  
    color:rgb(217, 107, 191)  
}
```

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(217, 107, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 107, 191) }
```

Border

The CSS property to change the border of an element to YUV 149.4660, 20.4763, 59.2273 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(217, 107, 191) }
```


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

```
.border{ border-color:rgb(217, 107, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 107, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 107, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 107, 191);  
box-shadow:4px 4px 4px 4px rgb(217, 107,  
191) }
```

Background

The CSS property to change the background color of an element to YUV 149.4660, 20.4763, 59.2273 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 107, 191) }
```

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

```
.background{ background-color: rgb(217,  
107, 191) }
```

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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