

Converting Colors

YUV(149.1150, 26.0723,
37.6101)

Have a look what the booklet for
YUV(149.1150, 26.0723, 37.6101)
contains.

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Color

**YUV(149.1150, 26.0723,
37.6101)**

Conversions

Conversions Part 1

Format	Color
Hex	C075CA
RGB	192, 117, 202
RGB Percent	75%, 46%, 79%
CMY	0.2471, 0.5412, 0.2078
CMYK	0.05, 0.42, 0.00, 0.21
HSL	293°, 45%, 63%
HSV	293°, 42%, 79%
XYZ	38.7602, 28.1933, 59.2761
YIQ	149.1150, 17.4150, 42.3350

Conversions

Conversions Part 2

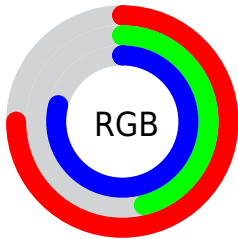
Format	Color
R _{YB}	192, 117, 202
Decimal	12613066
CIE _{Lab}	60.06, 42.92, -32.16
CIE _{LCh}	60, 53.638, 323.156
Yxy	28.1933, 0.3071, 0.2233
Android (android.graphics.Color)	4290803146 (0xFFC075CA)
YUV	149.1150, 26.0723, 37.6101
Hunter-Lab	53.0974, 37.3816, -29.0211

Details

The YUV color **149.1150, 26.0723, 37.6101** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **169.8850, -26.0723, -37.6101**, and the grayscale version is **149.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **204.1970, 25.0459, 40.1692**, and **96.5770, 25.3515, 35.4510** is the 20% darker color. If you saturate the color by 10%, you get **136.7770, 32.1549, 46.6766**, and if you desaturate by 10%, it is **161.4530, 19.9897, 28.5437**.

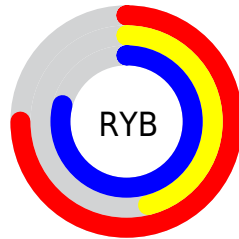
Distribution



Red (75%)

Green (46%)

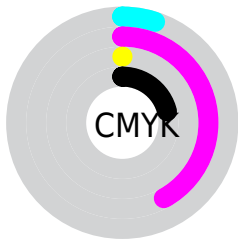
Blue (79%)



Red (75%)

Yellow (46%)

Blue (79%)

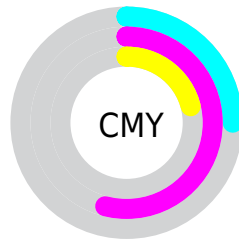


Cyan (5%)

Magenta (42%)

Yellow (0%)

Black (21%)



Cyan (25%)

Magenta (54%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YUV color 149.1150, 26.0723, 37.6101 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 149.1150, 26.0723, 37.6101 by changing the saturation by 10% instead.

■ 149.1150, 26.0723,
37.6101

■ 149.1150, 26.0723,
37.6101

255.0000, 0.0000,
0.0000

■ 122.2890, 25.4935,
36.5805

■ 204.1970, 25.0459,
40.1692

■ 96.5770, 25.3515,
35.4510

■ 222.1280, 16.2059,
28.8287

■ 70.2780, 25.4989,
34.8362

■ 238.5640, 8.1029,
14.4144

■ 43.1040, 26.0777,
35.8658

■ 25.8490, 22.7524,
29.0734

■ 17.3610, 16.0910,
18.9774

■ 3.6650, 11.5042,

-3.2142

0.0000, 0.0000,
0.0000

149.1150, 26.0723,
37.6101

149.1150, 26.0723,
37.6101

136.7770, 32.1549,
46.6766

161.4530, 19.9897,
28.5437

124.1400, 38.3850,
55.1282

174.0900, 13.7596,
20.0921

111.2150, 44.7570,
64.7094

187.0150, 7.3876,
10.5108

98.5780, 50.9870,
73.1611

199.6520, 1.1576,
2.0592

86.2400, 57.0697,
82.2275

211.9900, -4.9251,
-7.0072

76.2500, 61.9947,
89.2348

224.3280,
-11.0077, -16.0737

235.2040,
-16.3696, -22.9809

235.8020,
-16.6644, -21.7514

236.4000,
-16.9592, -20.5218

Harmonies

Analogous

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



145.1390, 42.8225, -15.0309



149.1150, 26.0723, 37.6101



145.7480, 6.0402, 69.5040

Triad

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



149.1150, 26.0723, 37.6101



140.5430, -47.1027, 34.6038



119.1360, 30.0060, -104.4823

Complementary

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



149.1150, 26.0723, 37.6101



169.8850, -26.0723, -37.6101

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.



113.0770, 9.3290, -99.1685



149.1150, 26.0723, 37.6101



135.9900, -41.9001, -0.8682

Square

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



149.1150, 26.0723, 37.6101



142.4060, -35.6962, 62.7879



127.7960, -21.0984, -46.3021



120.7610, 48.9248, -105.9074

Rectangle

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



149.1150, 26.0723, 37.6101



143.6060, -8.6798, 77.5215



127.7960, -21.0984, -46.3021



117.4260, 23.4540, -102.9826

Sweetspot

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



149.1150, 26.0723, 37.6101



234.4330, 10.1395, 14.5293



133.1470, 33.9445, -14.1609



114.7760, 6.5194, 8.9664



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.



149.1150, 26.0723, 37.6101



175.9660, 38.9638, 56.1578



148.5710, 11.0575, 46.8572



95.8310, 3.0413, 4.5332



62.5780, 50.9870, 73.1611



14.4980, 11.5865, 17.1033

Inverse Universe

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



143.5550, -8.1616, 51.2563



167.5690, -12.6055, 76.6770



170.4290, -11.0575, -46.8572



95.1040, -1.0373, 6.0478



51.8000, -16.1704, 100.1534



11.8180, -3.8543, 22.9616

Previews

White Background



This preview shows how the YUV color 149.1150, 26.0723, 37.6101 looks on a white background.

Color Contrast Check

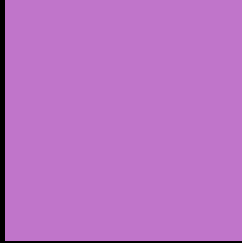
Large Text (above 18pt) WCAG AA ✓ Pass

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 149.1150, 26.0723, 37.6101 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

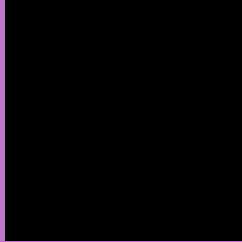
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 149.1150, 26.0723, 37.6101

Background



This preview shows how black text looks on a background with the YUV color 149.1150, 26.0723, 37.6101.



This preview shows how white text looks on a background with the YUV color 149.1150, 26.0723, 37.6101.

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

149.1150, 26.0723, 37.6101

Protanopia

143.4600, 39.2132, -24.0824

Deuteranopia

145.2690, 25.5034, -13.3909



Tritanopia

147.8730, -3.8814, 31.6834

Trichromacy



Original Color

149.1150, 26.0723, 37.6101



Protanomaly

145.6370, 34.1960, -1.4356



Deuteranomaly

147.0910, 25.5911, 5.1822



Tritanomaly

148.4570, 7.1697, 33.8022

Monochromacy



Original Color

149.1150, 26.0723, 37.6101



Achromatopsia

149.0000, 0.0000, 0.0000



Achromatomaly

148.9060, 9.4133, 14.1144

CSS Examples

Text

The CSS property to change the color of the text to YUV 149.1150, 26.0723, 37.6101 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, 117, 202)` looks like.

```
.text, #text, p{  
    color:rgb(192, 117, 202)  
}
```

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, 117, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 117, 202) }
```

Border

The CSS property to change the border of an element to YUV 149.1150, 26.0723, 37.6101 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, 117, 202) }
```


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

```
.border{ border-color:rgb(192, 117, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 117, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 117, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 117, 202);  
box-shadow:4px 4px 4px 4px rgb(192, 117,  
202) }
```

Background

The CSS property to change the background color of an element to YUV 149.1150, 26.0723, 37.6101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 117, 202) }
```

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

```
.background{ background-color: rgb(192,  
117, 202) }
```

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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