

Converting Colors

YUV(147.1340, 20.6399,
53.3795)

Have a look what the booklet for
YUV(147.1340, 20.6399, 53.3795)
contains.

YUV(147.1340, 20.6399, 53.3795)	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(147.1340, 20.6399,
53.3795)**

Conversions

Conversions Part 1

Format	Color
Hex	D06CBD
RGB	208, 108, 189
RGB Percent	82%, 42%, 74%
CMY	0.1843, 0.5765, 0.2588
CMYK	0.00, 0.48, 0.09, 0.18
HSL	311°, 52%, 62%
HSV	311°, 48%, 82%
XYZ	40.5603, 27.8091, 51.3741
YIQ	147.1340, 33.5990, 46.3910

Conversions

Conversions Part 2

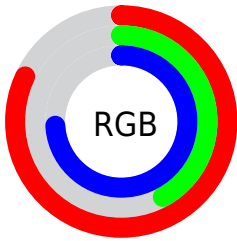
Format	Color
R_{YB}	208, 108, 189
Decimal	13659325
CIE _{Lab}	59.72, 50.07, -25.16
CIE _{LCh}	60, 56.038, 333.326
Yxy	27.8091, 0.3387, 0.2322
Android (android.graphics.Color)	4291849405 (0xFFD06CBD)
YUV	147.1340, 20.6399, 53.3795
Hunter-Lab	52.7344, 45.0069, -20.8465

Details

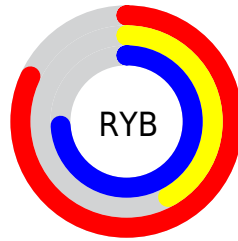
The YUV color **147.1340, 20.6399, 53.3795** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **168.8660, -20.6399, -53.3795**, and the grayscale version is **147.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **199.2690, 22.5454, 48.8761**, and **92.8240, 20.7928, 51.0204** is the 20% darker color. If you saturate the color by 10%, you get **134.3510, 24.9700, 64.5902**, and if you desaturate by 10%, it is **159.9170, 16.3099, 42.1688**.

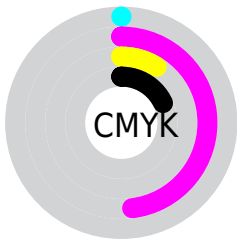
Distribution



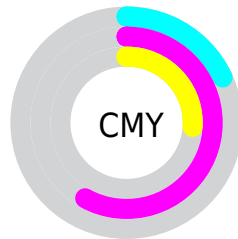
- Red (82%)
- Green (42%)
- Blue (74%)



- Red (82%)
- Yellow (42%)
- Blue (74%)



- Cyan (0%)
- Magenta (48%)
- Yellow (9%)
- Black (18%)





- Cyan (18%)
- Magenta (58%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the YUV color 147.1340, 20.6399, 53.3795 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 147.1340, 20.6399, 53.3795 by changing the saturation by 10% instead.


 147.1340, 20.6399,
53.3795


 147.1340, 20.6399,
53.3795


255.0000, 0.0000,
0.0000


 119.5360, 20.9348,
52.1499


 199.2690, 22.5454,
48.8761


 92.8240, 20.7928,
51.0204

 216.8450, 18.8104,
33.4619


 64.2910, 22.5345,
52.3648

 233.8680, 10.4181,
18.5328

 38.6930, 22.8294,
51.1352

 250.8910, 2.0257,
3.6036

 28.2970, 16.6156,
37.4505

 19.2110, 10.2490,
26.1250

 3.7320, 6.5411,

1.9890

■ 0.0000, 0.0000,
0.0000

■ 147.1340, 20.6399,
53.3795

■ 147.1340, 20.6399,
53.3795

■ 134.3510, 24.9700,
64.5902

■ 159.9170, 16.3099,
42.1688

■ 121.5680, 29.3000,
75.8009

■ 172.7000, 11.9799,
30.9581

■ 109.3720, 33.3406,
86.4968

■ 184.8960, 7.9393,
20.2622

■ 96.5890, 37.6706,
97.7074

■ 197.6790, 3.6093,
9.0515

■ 83.8060, 42.0006,
108.9181

■ 210.4620, -0.7208,
-2.1592

■ 81.3440, 42.7214,
111.0773

■ 223.2450, -5.0508,
-13.3699

■ 236.0280, -9.3808,
-24.5806

■ 237.0710, -7.9230,
-25.4953

■ 237.5270, -6.1758,
-25.8952

Harmonies

Analogous

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



146.7610, 39.5578, 5.4716



147.1340, 20.6399, 53.3795



142.8540, -1.4070, 78.1810

Triad

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



147.1340, 20.6399, 53.3795



137.3800, -49.9803, 24.2227



120.4870, 37.7209, -105.6671

Complementary

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



147.1340, 20.6399, 53.3795



168.8660, -20.6399, -53.3795

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.



115.4880, 16.0284, -101.2830



147.1340, 20.6399, 53.3795



131.9280, -37.9255, -15.7229

Square

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



147.1340, 20.6399, 53.3795



140.8260, -42.8052, 56.2806



116.2960, -9.5129, -75.6816



120.2540, 54.5978, -105.4628

Rectangle

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



147.1340, 20.6399, 53.3795



141.2660, -16.4001, 80.4507



116.2960, -9.5129, -75.6816



118.6630, 30.7321, -104.0675

Sweetspot

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



147.1340, 20.6399, 53.3795



233.0700, 7.3605, 19.2326



124.7820, 41.0265, 1.0682



114.5160, 4.1826, 11.8255



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.



147.1340, 20.6399, 53.3795



164.9320, 30.5995, 78.9896



141.5480, -0.7632, 58.2784



98.3150, 2.3097, 5.8627



65.7360, 34.6402, 89.6855



16.0210, 8.3706, 21.9066

Inverse Universe

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



147.1340, 20.6399, 53.3795



164.9320, 30.5995, 78.9896



174.4520, 0.7632, -58.2784



98.3150, 2.3097, 5.8627



65.7360, 34.6402, 89.6855



16.0210, 8.3706, 21.9066

Previews

White Background



This preview shows how the YUV color 147.1340, 20.6399, 53.3795 looks on a white background.

Color Contrast Check

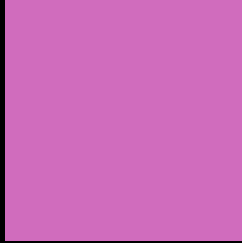
Large Text (above 18pt) WCAG AA ✓ Pass

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 147.1340, 20.6399, 53.3795 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

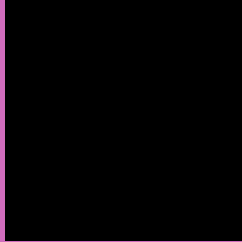
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 147.1340, 20.6399, 53.3795

Background



This preview shows how black text looks on a background with the YUV color 147.1340, 20.6399, 53.3795.



This preview shows how white text looks on a background with the YUV color 147.1340, 20.6399, 53.3795.

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

147.1340, 20.6399, 53.3795

Protanopia

143.4450, 35.2766, -21.4383

Deuteranopia

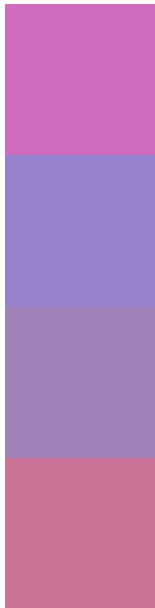
145.4780, 18.4983, -6.5582



Tritanopia

145.9460, -7.8614, 48.2824

Trichromacy



Original Color

147.1340, 20.6399, 53.3795

Protanomaly

144.9430, 30.1011, 5.3120

Deuteranomaly

146.1370, 19.1595, 14.7889

Tritanomaly

146.3020, 2.3161, 50.6011

Monochromacy



Original Color

147.1340, 20.6399, 53.3795

Achromatopsia

147.0000, 0.0000, 0.0000

Achromatomaly

147.0700, 7.3605, 19.2326

CSS Examples

Text

The CSS property to change the color of the text to YUV 147.1340, 20.6399, 53.3795 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(208, 108, 189)` looks like.

```
.text, #text, p{  
    color:rgb(208, 108, 189)  
}
```

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(208, 108, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 108, 189) }
```

Border

The CSS property to change the border of an element to YUV 147.1340, 20.6399, 53.3795 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(208, 108, 189) }
```


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

```
.border{ border-color:rgb(208, 108, 189) }
```

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

Here you see how a box with a 4 pixel rgb(208, 108, 189) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 108, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 108, 189);  
box-shadow:4px 4px 4px 4px rgb(208, 108,  
189) }
```

Background

The CSS property to change the background color of an element to YUV 147.1340, 20.6399, 53.3795 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 108, 189) }
```

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

```
.background{ background-color: rgb(208,  
108, 189) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor