

Converting Colors

YUV(144.5030, 4.1890, 56.5639)

Have a look what the booklet for
YUV(144.5030, 4.1890, 56.5639)
contains.

YUV(144.5030, 4.1890, 56.5639)	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(144.5030, 4.1890,
56.5639)**

Conversions

Conversions Part 1

Format	Color
Hex	D16E99
RGB	209, 110, 153
RGB Percent	82%, 43%, 60%
CMY	0.1804, 0.5686, 0.4000
CMYK	0.00, 0.47, 0.27, 0.18
HSL	334°, 52%, 63%
HSV	334°, 47%, 82%
XYZ	37.6202, 27.0071, 33.3671
YIQ	144.5030, 45.2010, 34.3610

Conversions

Conversions Part 2

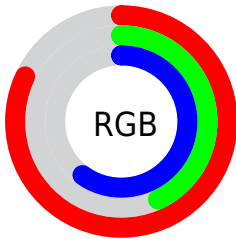
Format	Color
R _{YB}	209, 110, 153
Decimal	13725337
CIE Lab	58.98, 43.92, -5.56
CIE LCh	59, 44.268, 352.782
Yxy	27.0071, 0.3839, 0.2756
Android (android.graphics.Color)	4291915417 (0xFFD16E99)
YUV	144.5030, 4.1890, 56.5639
Hunter-Lab	51.9683, 38.2727, -1.6902

Details

The YUV color **144.5030, 4.1890, 56.5639** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **174.4970, -4.1890, -56.5639**, and the grayscale version is **144.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **196.1110, 5.3683, 51.6457**, and **91.1220, 5.3629, 53.3900** is the 20% darker color. If you saturate the color by 10%, you get **130.8080, 5.0247, 68.5744**, and if you desaturate by 10%, it is **158.1980, 3.3534, 44.5534**.

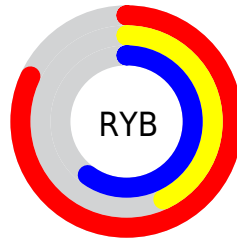
Distribution



Red (82%)

Green (43%)

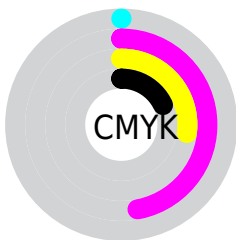
Blue (60%)



Red (82%)

Yellow (43%)

Blue (60%)

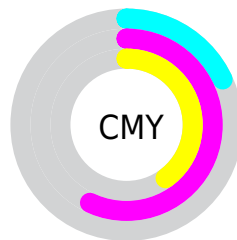


Cyan (0%)

Magenta (47%)

Yellow (27%)

Black (18%)



Cyan (18%)


Magenta (57%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 144.5030, 4.1890, 56.5639 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 144.5030, 4.1890, 56.5639 by changing the saturation by 10% instead.


 144.5030, 4.1890,
56.5639

 144.5030, 4.1890,
56.5639


255.0000, 0.0000,
0.0000


 117.6060, 4.6312,
54.7195

 196.1110, 5.3683,
51.6457

 91.1220, 5.3629,
53.3900


 215.7390, 9.4957,
34.4319


 64.1650, 6.8207,
52.4753

 234.4550, 10.1287,
18.0180

 35.2730, 9.7254,
54.1346

 251.4780, 1.7363,
3.0888

 25.1050, 4.3852,
40.2499

 15.9050, -2.4182,
29.0243

 0.0000, 0.0000,

0.0000

■ 144.5030, 4.1890,
56.5639

■ 144.5030, 4.1890,
56.5639

■ 130.8080, 5.0247,
68.5744

■ 158.1980, 3.3534,
44.5534

■ 117.1130, 5.8603,
80.5849

■ 171.8930, 2.5178,
32.5428

■ 103.5320, 7.1327,
92.4954

■ 185.4740, 1.2453,
20.6323

■ 89.8370, 7.9684,
104.5060

■ 199.1690, 0.4097,
8.6218

■ 76.7290, 8.5146,
116.0017

■ 212.8640, -0.4260,
-3.3887

■ 72.8650, 8.9406,
119.3904

■ 225.9720, -0.9722,
-14.8844

■ 239.0800, -1.5184,
-26.3802

■ 240.4480, 3.7231,
-27.5799

■ 241.2460, 6.7807,
-28.2797

Harmonies

Analogous

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



146.1050, 21.1472, 30.6029



144.5030, 4.1890, 56.5639



142.4380, -14.0199, 63.6369

Triad

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



144.5030, 4.1890, 56.5639



135.7650, -33.9011, 0.2061



115.8880, 42.9462, -101.6338

Complementary

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



144.5030, 4.1890, 56.5639



174.4970, -4.1890, -56.5639

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.



114.0010, 28.1005, -99.9789



144.5030, 4.1890, 56.5639



129.3720, -17.9314, -35.4062

Square

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



144.5030, 4.1890, 56.5639



139.3280, -37.6297, 29.5303



109.4410, 10.6286, -95.9798



124.6880, 46.4958, -73.3944

Rectangle

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



144.5030, 4.1890, 56.5639



141.8320, -25.0602, 58.0293



109.4410, 10.6286, -95.9798



115.4490, 38.7256, -101.2488

Sweetspot

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



144.5030, 4.1890, 56.5639



231.5880, 1.6821, 20.5323



137.4320, 35.2830, 23.3001



113.6040, 0.6882, 12.6253



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.



144.5030, 4.1890, 56.5639



160.5370, 6.1443, 82.8441



142.5360, -16.0402, 58.2889



97.8590, 0.5625, 6.2627



58.5540, 7.1219, 95.9841



14.3110, 1.8187, 23.4063

Inverse Universe

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



144.5030, 4.1890, 56.5639



160.5370, 6.1443, 82.8441



176.4640, 16.0402, -58.2889



97.8590, 0.5625, 6.2627



58.5540, 7.1219, 95.9841



14.3110, 1.8187, 23.4063

Previews

White Background



This preview shows how the YUV color 144.5030, 4.1890, 56.5639 looks on a white background.

Color Contrast Check

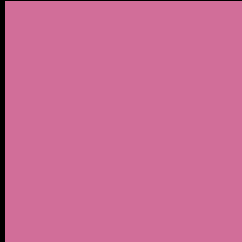
Large Text (above 18pt) WCAG AA ✓ Pass

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 144.5030, 4.1890, 56.5639 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

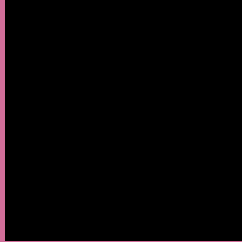
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 144.5030, 4.1890, 56.5639

Background



This preview shows how black text looks on a background with the YUV color 144.5030, 4.1890, 56.5639.



This preview shows how white text looks on a background with the YUV color 144.5030, 4.1890,

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

144.5030, 4.1890, 56.5639

Protanopia

142.8540, 14.8620, -6.8880

Deuteranopia

143.6250, 2.1569, 8.2219



Tritanopia

143.8220, -9.7722, 54.5301

Trichromacy



Original Color

144.5030, 4.1890, 56.5639

Protanomaly

143.6720, 11.0077, 16.0737

Deuteranomaly

143.9630, 2.9762, 25.4654

Tritanomaly

144.2010, -4.5361, 55.0747

Monochromacy



Original Color

144.5030, 4.1890, 56.5639

Achromatopsia

145.0000, 0.0000, 0.0000

Achromatomaly

144.5880, 1.6821, 20.5323

CSS Examples

Text

The CSS property to change the color of the text to YUV 144.5030, 4.1890, 56.5639 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(209, 110, 153)` looks like.

```
.text, #text, p{  
    color:rgb(209, 110, 153)  
}
```

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(209, 110, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 110, 153) }
```

Border

The CSS property to change the border of an element to YUV 144.5030, 4.1890, 56.5639 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(209, 110, 153) }
```


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

```
.border{ border-color:rgb(209, 110, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 110, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 110, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 110, 153);  
box-shadow:4px 4px 4px 4px rgb(209, 110,  
153) }
```

Background

The CSS property to change the background color of an element to YUV 144.5030, 4.1890, 56.5639 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 110, 153) }
```

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

```
.background{ background-color: rgb(209,  
110, 153) }
```

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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