

Converting Colors

YUV(145.7900, 5.5265, 47.5422)

Have a look what the booklet for
YUV(145.7900, 5.5265, 47.5422)
contains.

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Color

**YUV(145.7900, 5.5265,
47.5422)**

Conversions

Conversions Part 1

Format	Color
Hex	C8749D
RGB	200, 116, 157
RGB Percent	78%, 45%, 62%
CMY	0.2157, 0.5451, 0.3843
CMYK	0.00, 0.42, 0.21, 0.22
HSL	331°, 43%, 62%
HSV	331°, 42%, 78%
XYZ	36.1506, 27.2045, 35.2439
YIQ	145.7900, 36.9030, 30.5590

Conversions

Conversions Part 2

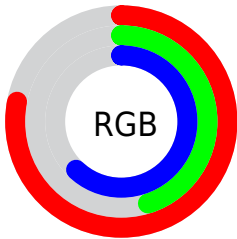
Format	Color
RYB	200, 116, 157
Decimal	13137053
CIELab	59.16, 38.29, -7.73
CIElCh	59, 39.061, 348.586
Yxy	27.2045, 0.3666, 0.2759
Android (android.graphics.Color)	4291327133 (0xFFC8749D)
YUV	145.7900, 5.5265, 47.5422
Hunter-Lab	52.1579, 32.4419, -3.5527

Details

The YUV color **145.7900, 5.5265, 47.5422** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **170.2100, -5.5265, -47.5422**, and the grayscale version is **146.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **200.2030, 5.8159, 48.0570**, and **93.2950, 6.2636, 44.4683** is the 20% darker color. If you saturate the color by 10%, you get **132.9100, 6.9464, 58.8379**, and if you desaturate by 10%, it is **158.6700, 4.1067, 36.2464**.

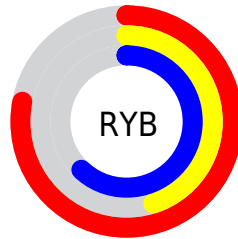
Distribution



Red (78%)

Green (45%)

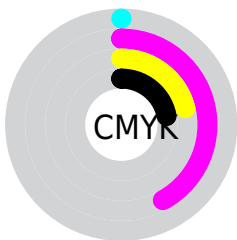
Blue (62%)



Red (78%)

Yellow (45%)

Blue (62%)

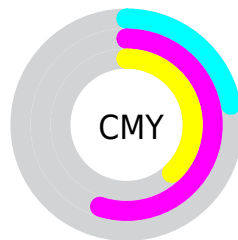


Cyan (0%)

Magenta (42%)

Yellow (21%)

Black (22%)



Cyan (22%)


Magenta (55%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 145.7900, 5.5265, 47.5422 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 145.7900, 5.5265, 47.5422 by changing the saturation by 10% instead.

 145.7900, 5.5265,
47.5422


 145.7900, 5.5265,
47.5422


255.0000, 0.0000,
0.0000

 119.1920, 5.8213,
46.3126

 200.2030, 5.8159,
48.0570


 93.2950, 6.2636,
44.4683

 219.2440, 10.2327,
31.3580

 67.8110, 6.9952,
43.1388

 237.9770, 8.3923,
14.9292

 40.9790, 8.8844,
43.8684

 23.6530, 6.5801,
36.2613

 14.9800, 0.5029,
25.4505

 0.0000, 0.0000,

0.0000

■ 145.7900, 5.5265,
47.5422

■ 145.7900, 5.5265,
47.5422

■ 132.9100, 6.9464,
58.8379

■ 158.6700, 4.1067,
36.2464

■ 120.0300, 8.3662,
70.1337

■ 171.5500, 2.6869,
24.9507

■ 107.0360, 9.3493,
81.5294

■ 184.5440, 1.7038,
13.5549

■ 94.1560, 10.7691,
92.8252

■ 197.4240, 0.2840,
2.2592

■ 81.2760, 12.1889,
104.1209

■ 210.3040, -1.1359,
-9.0366

■ 70.9720, 13.3248,
113.1576

■ 223.1840, -2.5557,
-20.3324

■ 235.5910, -3.2494,
-31.2133

■ 236.7310, 1.1186,
-32.2131

■ 237.8710, 5.4866,
-33.2129

Harmonies

Analogous

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



146.2350, 20.5901, 22.5959



145.7900, 5.5265, 47.5422



143.6050, -10.6513, 56.4744

Triad

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



145.7900, 5.5265, 47.5422



137.7100, -30.4230, 4.6393



114.1610, 38.8676, -100.1192

Complementary

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



145.7900, 5.5265, 47.5422



170.2100, -5.5265, -47.5422

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.



112.5020, 24.8955, -98.6643



145.7900, 5.5265, 47.5422



132.7260, -18.1059, -26.0697

Square

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



145.7900, 5.5265, 47.5422



140.7070, -32.3936, 30.0750



123.1740, 2.3792, -63.2966



128.6200, 39.6273, -63.6877

Rectangle

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



145.7900, 5.5265, 47.5422



142.9500, -20.6813, 53.5409



123.1740, 2.3792, -63.2966



114.3090, 34.3577, -100.2490

Sweetspot

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



145.7900, 5.5265, 47.5422



233.6910, 2.1243, 18.6880



138.1340, 30.4999, 17.4225



114.4190, 1.2724, 11.9105



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.



145.7900, 5.5265, 47.5422



173.0410, 8.3608, 71.8780



141.1160, -12.3822, 51.6413



93.1470, 0.4205, 5.1331



57.8570, 10.9165, 92.2104



12.7020, 2.1189, 20.4323

Inverse Universe

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



145.7900, 5.5265, 47.5422



173.0410, 8.3608, 71.8780



174.8840, 12.3822, -51.6413



93.1470, 0.4205, 5.1331



57.8570, 10.9165, 92.2104



12.7020, 2.1189, 20.4323

Previews

White Background



This preview shows how the YUV color 145.7900, 5.5265, 47.5422 looks on a white background.

Color Contrast Check

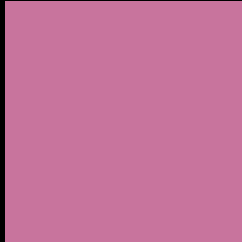
Large Text (above 18pt) WCAG AA ✓ Pass

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 145.7900, 5.5265, 47.5422 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

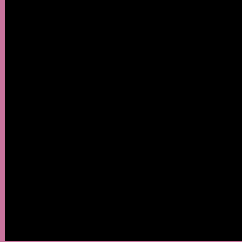
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 145.7900, 5.5265, 47.5422

Background



This preview shows how black text looks on a background with the YUV color 145.7900, 5.5265, 47.5422.



This preview shows how white text looks on a background with the YUV color 145.7900, 5.5265,

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

145.7900, 5.5265, 47.5422

Protanopia

143.8540, 14.8620, -6.8880

Deuteranopia

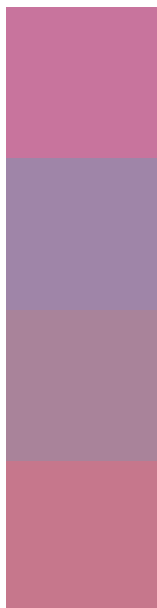
144.4830, 4.1989, 6.5924



Tritanopia

144.7500, -7.2717, 45.8233

Trichromacy



Original Color

145.7900, 5.5265, 47.5422

Protanomaly

144.7640, 11.4553, 12.4850

Deuteranomaly

144.9840, 4.4449, 21.0620

Tritanomaly

145.0150, -2.4724, 46.4678

Monochromacy



Original Color

145.7900, 5.5265, 47.5422

Achromatopsia

146.0000, 0.0000, 0.0000

Achromatomaly

145.9790, 1.9824, 17.5584

CSS Examples

Text

The CSS property to change the color of the text to YUV 145.7900, 5.5265, 47.5422 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(200, 116, 157)` looks like.

```
.text, #text, p{  
    color:rgb(200, 116, 157)  
}
```

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(200, 116, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 116, 157) }
```

Border

The CSS property to change the border of an element to YUV 145.7900, 5.5265, 47.5422 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(200, 116, 157) }
```


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

```
.border{ border-color:rgb(200, 116, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 116, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 116, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 116, 157);  
box-shadow:4px 4px 4px 4px rgb(200, 116,  
157) }
```

Background

The CSS property to change the background color of an element to YUV 145.7900, 5.5265, 47.5422 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 116, 157) }
```

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

```
.background{ background-color: rgb(200,  
116, 157) }
```

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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