

Converting Colors

YUV(142.5840, 24.8551,
54.7388)

Have a look what the booklet for
YUV(142.5840, 24.8551, 54.7388)
contains.

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Color

**YUV(142.5840, 24.8551,
54.7388)**

Conversions

Conversions Part 1

Format	Color
Hex	CD65C1
RGB	205, 101, 193
RGB Percent	80%, 40%, 76%
CMY	0.1961, 0.6039, 0.2431
CMYK	0.00, 0.51, 0.06, 0.20
HSL	307°, 51%, 60%
HSV	307°, 51%, 80%
XYZ	39.4562, 26.1368, 53.4174
YIQ	142.5840, 32.4520, 50.6600

Conversions

Conversions Part 2

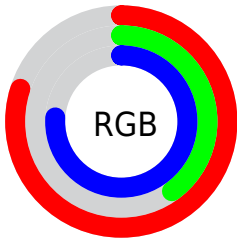
Format	Color
R_{YB}	205, 101, 193
Decimal	13460929
CIE _{Lab}	58.17, 53.30, -29.86
CIE _{LCh}	58, 61.101, 330.739
Yxy	26.1368, 0.3315, 0.2196
Android (android.graphics.Color)	4291651009 (0xFFCD65C1)
YUV	142.5840, 24.8551, 54.7388
Hunter-Lab	51.1241, 48.2941, -26.1627

Details

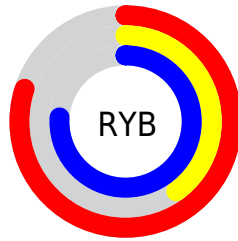
The YUV color **142.5840, 24.8551, 54.7388** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **163.4160, -24.8551, -54.7388**, and the grayscale version is **142.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **196.3170, 26.4657, 51.4650**, and **87.1000, 25.5867, 53.4093** is the 20% darker color. If you saturate the color by 10%, you get **130.6160, 29.7693, 65.2348**, and if you desaturate by 10%, it is **155.1390, 19.6515, 43.7281**.

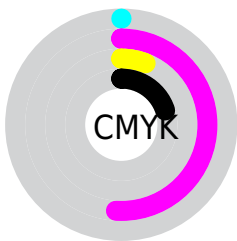
Distribution



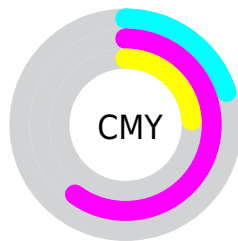
- Red (80%)
- Green (40%)
- Blue (76%)



- Red (80%)
- Yellow (40%)
- Blue (76%)



- Cyan (0%)
- Magenta (51%)
- Yellow (6%)
- Black (20%)



- Cyan (20%)
- Magenta (60%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 142.5840, 24.8551, 54.7388 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 142.5840, 24.8551, 54.7388 by changing the saturation by 10% instead.

■ 142.5840, 24.8551,
54.7388

■ 142.5840, 24.8551,
54.7388

■ 255.0000, 0.0000,
0.0000

■ 114.9860, 25.1499,
53.5093

■ 196.3170, 26.4657,
51.4650

■ 87.1000, 25.5867,
53.4093

■ 213.3230, 20.5468,
36.5507

■ 56.1050, 28.0492,
56.9129

■ 229.7590, 12.4438,
22.1364

■ 38.2520, 25.0188,
48.8910

■ 246.7820, 4.0515,
7.2072

■ 27.7420, 18.3682,
35.3063

■ 18.3570, 12.1490,
23.3659

■ 2.2800, 8.7360,

-1.9996

■ 0.0000, 0.0000,
0.0000

■ 142.5840, 24.8551,
54.7388

■ 142.5840, 24.8551,
54.7388

■ 130.6160, 29.7693,
65.2348

■ 155.1390, 19.6515,
43.7281

■ 117.9470, 34.5361,
76.3455

■ 167.2210, 15.1740,
33.1322

■ 105.3920, 39.7397,
87.3562

■ 179.7760, 9.9704,
22.1214

■ 93.4240, 44.6540,
97.8522

■ 191.7440, 5.0562,
11.6255

■ 81.9290, 48.8420,
107.9333

■ 204.4130, 0.2894,
0.5148

■ 216.3810, -4.6248,
-9.9811

■ 229.0500, -9.3916,
-21.0918

■ 235.1480,
-11.4120, -26.4398

■ 235.3760,
-10.5384, -26.6398

Harmonies

Analogous

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



141.9820, 44.3789, -0.8612



142.5840, 24.8551, 54.7388



137.1090, 1.9183, 84.9734

Triad

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



142.5840, 24.8551, 54.7388



131.5950, -59.4533, 29.2962



118.2700, 36.8419, -103.7228

Complementary

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



142.5840, 24.8551, 54.7388



163.4160, -24.8551, -54.7388

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.



112.8150, 13.4022, -98.9388



142.5840, 24.8551, 54.7388



126.9300, -44.3355, -13.0936

Square

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



142.5840, 24.8551, 54.7388



135.4740, -45.5897, 62.7283



104.1970, -9.4641, -91.3808



119.8950, 55.7608, -105.1479

Rectangle

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



142.5840, 24.8551, 54.7388



135.3640, -14.9695, 88.2578



104.1970, -9.4641, -91.3808



116.9190, 29.1269, -102.5380

Sweetspot

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



142.5840, 24.8551, 54.7388



232.2380, 9.2497, 19.9623



115.8460, 43.9529, -4.2499



114.1570, 5.3456, 12.1403



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.



142.5840, 24.8551, 54.7388



161.3760, 37.2826, 82.1082



136.8840, 3.0152, 59.7377



96.0160, 2.4571, 5.2480



66.3920, 39.7397, 87.3562



15.2380, 9.2497, 19.9623

Inverse Universe

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



142.5840, 24.8551, 54.7388



161.3760, 37.2826, 82.1082



169.1160, -3.0152, -59.7377



96.0160, 2.4571, 5.2480



66.3920, 39.7397, 87.3562



15.2380, 9.2497, 19.9623

Previews

White Background



This preview shows how the YUV color 142.5840, 24.8551, 54.7388 looks on a white background.

Color Contrast Check

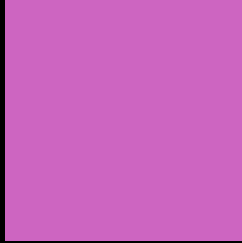
Large Text (above 18pt) WCAG AA ✓ Pass

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 142.5840, 24.8551, 54.7388 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 142.5840, 24.8551, 54.7388

Background



This preview shows how black text looks on a background with the YUV color 142.5840, 24.8551, 54.7388.



This preview shows how white text looks on a background with the YUV color 142.5840, 24.8551,

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

142.5840, 24.8551, 54.7388

Protanopia

138.7200, 41.5500, -26.9414

Deuteranopia

140.5960, 22.8772, -11.0467



Tritanopia

141.9460, -7.8614, 48.2824

Trichromacy



Original Color

142.5840, 24.8551, 54.7388

Protanomaly

140.3000, 35.3481, 2.3679

Deuteranomaly

141.5650, 23.3855, 12.6595

Tritanomaly

142.0570, 3.9159, 50.8160

Monochromacy



Original Color

142.5840, 24.8551, 54.7388

Achromatopsia

143.0000, 0.0000, 0.0000

Achromatomaly

143.1240, 8.8129, 20.0623

CSS Examples

Text

The CSS property to change the color of the text to YUV 142.5840, 24.8551, 54.7388 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(205, 101, 193)` looks like.

```
.text, #text, p{  
    color:rgb(205, 101, 193)  
}
```

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(205, 101, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 101, 193) }
```

Border

The CSS property to change the border of an element to YUV 142.5840, 24.8551, 54.7388 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(205, 101, 193) }
```


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

```
.border{ border-color:rgb(205, 101, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 101, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 101, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 101, 193);  
box-shadow:4px 4px 4px 4px rgb(205, 101,  
193) }
```

Background

The CSS property to change the background color of an element to YUV 142.5840, 24.8551, 54.7388 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 101, 193) }
```

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

```
.background{ background-color: rgb(205,  
101, 193) }
```

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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