

Converting Colors

YUV(164.9290, 31.5870,
42.1583)

Have a look what the booklet for
YUV(164.9290, 31.5870, 42.1583)
contains.

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Color

**YUV(164.9290, 31.5870,
42.1583)**

Conversions

Conversions Part 1

Format	Color
Hex	D580E5
RGB	213, 128, 229
RGB Percent	84%, 50%, 90%
CMY	0.1647, 0.4980, 0.1020
CMYK	0.07, 0.44, 0.00, 0.10
HSL	290°, 66%, 70%
HSV	290°, 44%, 90%
XYZ	49.3026, 35.2416, 78.3325
YIQ	164.9290, 18.2390, 49.4310

Conversions

Conversions Part 2

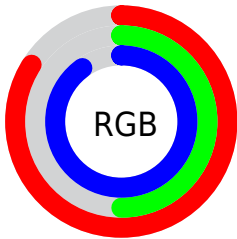
Format	Color
RYB	213, 128, 229
Decimal	13992165
CIELab	65.94, 48.57, -37.94
CIELCh	66, 61.629, 322.005
Yxy	35.2416, 0.3027, 0.2164
Android (android.graphics.Color)	4292182245 (0xFFD580E5)
YUV	164.9290, 31.5870, 42.1583
Hunter-Lab	59.3647, 44.3569, -36.6788

Details

The YUV color **164.9290, 31.5870, 42.1583** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **192.0710, -31.5870, -42.1583**, and the grayscale version is **165.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.7360, 20.8362, 37.0655**, and **110.3910, 30.8662, 39.9991** is the 20% darker color. If you saturate the color by 10%, you get **150.2320, 38.8326, 51.5395**, and if you desaturate by 10%, it is **179.6260, 24.3414, 32.7770**.

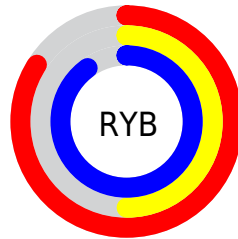
Distribution



Red (84%)

Green (50%)

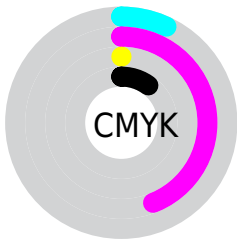
Blue (90%)



Red (84%)

Yellow (50%)

Blue (90%)

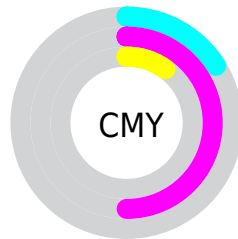


Cyan (7%)

Magenta (44%)

Yellow (0%)

Black (10%)



Cyan (16%)


Magenta (50%)


Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the YUV color 164.9290, 31.5870, 42.1583 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 164.9290, 31.5870, 42.1583 by changing the saturation by 10% instead.


 164.9290, 31.5870,
42.1583


 164.9290, 31.5870,
42.1583


255.0000, 0.0000,
0.0000


 137.8040, 31.1556,
40.5139


 212.7360, 20.8362,
37.0655


 110.3910, 30.8662,
39.9991


 229.1720, 12.7332,
22.6512

 83.9780, 30.5768,
39.4843

 246.1950, 4.3409,
7.7220

 56.5050, 31.3030,
39.8991

 33.5540, 30.2929,
37.2251

 23.3430, 23.4949,
24.2552

 13.5450, 16.9863,

11.8000

■ 3.5510, 11.0674,
-3.1142

■ 0.0000, 0.0000,
0.0000

■ 164.9290, 31.5870,
42.1583

■ 164.9290, 31.5870,
42.1583

■ 150.2320, 38.8326,
51.5395

■ 179.6260, 24.3414,
32.7770

■ 135.8340, 45.9308,
61.5356

■ 194.0240, 17.2432,
22.7810

■ 121.1370, 53.1765,
70.9169

■ 208.7210, 9.9975,
13.3997

■ 106.4400, 60.4221,
80.2981

■ 223.4180, 2.7519,
4.0184

92.0420, 67.5203,
90.2942

237.8160, -4.3463,
-5.9776

83.8130, 71.5772,
95.7570

246.0560, -8.4086,
-9.6961

246.9530, -8.8508,
-7.8518

248.1490, -9.4405,
-5.3927

249.3450,
-10.0301, -2.9336

Harmonies

Analogous

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



158.6590, 47.4961, -20.7489



164.9290, 31.5870, 42.1583



160.3950, 8.1863, 81.2146

Triad

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



164.9290, 31.5870, 42.1583



154.2960, -55.8549, 41.8364



132.5690, 33.2435, -116.2630

Complementary

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



164.9290, 31.5870, 42.1583



192.0710, -31.5870, -42.1583

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.



125.4840, 8.6354, -110.0495



164.9290, 31.5870, 42.1583



150.1120, -50.3412, -0.0982

Square

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



164.9290, 31.5870, 42.1583



156.8050, -40.8229, 73.8390



139.7260, -25.0079, -52.3797



134.8780, 54.7831, -118.2880

Rectangle

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



164.9290, 31.5870, 42.1583



156.1880, -7.9807, 86.6581



139.7260, -25.0079, -52.3797



130.5170, 25.3811, -114.4634

Sweetspot

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



164.9290, 31.5870, 42.1583



234.1340, 10.2869, 13.9145



149.4930, 39.1970, -18.8494



114.4770, 6.6668, 8.3517



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.



164.9290, 31.5870, 42.1583



169.4760, 42.1633, 56.5875



165.8370, 14.3774, 55.3940



107.3580, 3.7675, 4.9480



65.2560, 56.0758, 74.3205



18.6710, 15.9382, 21.3365

Inverse Universe

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



160.0230, -7.8993, 60.4928



162.7590, -10.7272, 80.8954



191.1630, -14.3774, -55.3940



106.8160, -0.8953, 7.1774



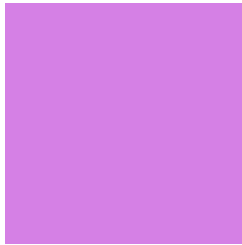
56.7130, -14.1555, 107.2457



16.1610, -4.0234, 30.5538

Previews

White Background



This preview shows how the YUV color 164.9290, 31.5870, 42.1583 looks on a white background.

Color Contrast Check

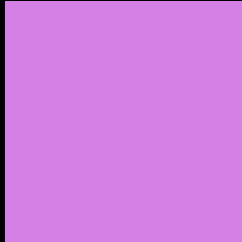
Large Text (above 18pt) WCAG AA × Fail

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 164.9290, 31.5870, 42.1583 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

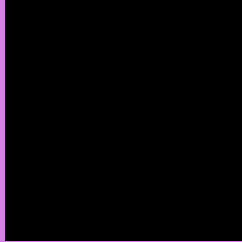
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 164.9290, 31.5870, 42.1583

Background



This preview shows how black text looks on a background with the YUV color 164.9290, 31.5870, 42.1583.



This preview shows how white text looks on a background with the YUV color 164.9290, 31.5870,

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

164.9290, 31.5870, 42.1583

Protanopia

158.1910, 47.2338, -29.9855

Deuteranopia

160.3160, 30.9032, -18.6941



Tritanopia

163.5960, -3.7448, 34.5573

Trichromacy



Original Color

164.9290, 31.5870, 42.1583



Protanomaly

160.2760, 41.7689, -3.7501



Deuteranomaly

162.1600, 30.9801, 3.3677



Tritanomaly

164.3480, 9.1954, 37.4058

Monochromacy



Original Color

164.9290, 31.5870, 42.1583



Achromatopsia

165.0000, 0.0000, 0.0000



Achromatomaly

165.0740, 11.3025, 14.8441

CSS Examples

Text

The CSS property to change the color of the text to YUV 164.9290, 31.5870, 42.1583 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(213, 128, 229)` looks like.

```
.text, #text, p{  
    color:rgb(213, 128, 229)  
}
```

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(213, 128, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 128, 229) }
```

Border

The CSS property to change the border of an element to YUV 164.9290, 31.5870, 42.1583 is called "border". The border property can be set on classes, ids or directly on the HTML element.

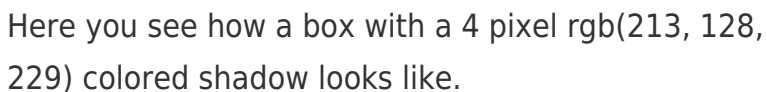
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(213, 128, 229) }
```


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

```
.border{ border-color:rgb(213, 128, 229) }
```

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



Here you see how a box with a 4 pixel `rgb(213, 128, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(213, 128, 229); -webkit-box-shadow:4px 4px 4px 4px rgb(213, 128, 229); box-shadow:4px 4px 4px 4px rgb(213, 128, 229) }
```

Background

The CSS property to change the background color of an element to YUV 164.9290, 31.5870, 42.1583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 128, 229) }
```

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

```
.background{ background-color: rgb(213,  
128, 229) }
```

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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