

Converting Colors

YUV(74.6910, 45.5083,
-36.5630)

Have a look what the booklet for
YUV(74.6910, 45.5083, -36.5630)
contains.

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Color

**YUV(74.6910, 45.5083,
-36.5630)**

Conversions

Conversions Part 1

Format	Color
Hex	214EA7
RGB	33, 78, 167
RGB Percent	13%, 31%, 65%
CMY	0.8706, 0.6941, 0.3451
CMYK	0.80, 0.53, 0.00, 0.35
HSL	220°, 67%, 39%
HSV	220°, 80%, 65%
XYZ	10.3266, 8.5621, 37.6676
YIQ	74.6910, -55.3890, 18.1390

Conversions

Conversions Part 2

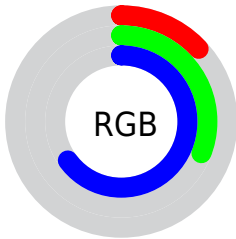
Format	Color
R_{YB}	33, 67, 167
Decimal	2182823
CIE Lab	35.13, 18.21, -52.25
CIE LCh	35, 55.331, 289.214
Yxy	8.5621, 0.1826, 0.1514
Android (android.graphics.Color)	4280372903 (0xFF214EA7)
YUV	74.6910, 45.5083, -36.5630
Hunter-Lab	29.2611, 11.7881, -55.8407

Details

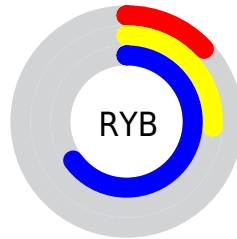
The YUV color **74.6910, 45.5083, -36.5630** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **125.3090, -45.5083, 36.5630**, and the grayscale version is **74.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **129.2840, 46.2020, -25.6821**, and **33.5410, 39.6663, -29.4155** is the 20% darker color. If you saturate the color by 10%, you get **63.1510, 51.1976, -41.3514**, and if you desaturate by 10%, it is **86.2310, 39.8191, -31.7746**.

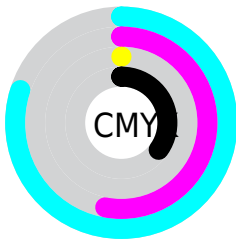
Distribution



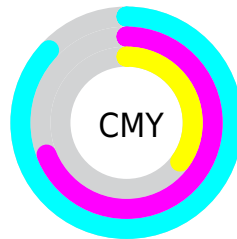
- Red (13%)
- Green (31%)
- Blue (65%)



- Red (13%)
- Yellow (26%)
- Blue (65%)



- Cyan (80%)
- Magenta (53%)
- Yellow (0%)
- Black (35%)



- Cyan (87%)
- Magenta (69%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 74.6910, 45.5083, -36.5630 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 74.6910, 45.5083, -36.5630 by changing the saturation by 10% instead.

■ 74.6910, 45.5083,
-36.5630

■ 74.6910, 45.5083,
-36.5630

■ 255.0000, 0.0000,
0.0000

■ 48.8320, 44.9458,
-42.8257

■ 129.2840, 46.2020,
-25.6821

■ 33.5410, 39.6663,
-29.4155

■ 156.5230, 47.0702,
-24.1377

■ 18.9510, 34.5342,
-16.6200

■ 181.3850, 36.2922,
-20.5086

■ 11.5190, 26.3661,
-10.1022

■ 205.9050, 24.2038,
-16.5797

■ 6.5490, 17.4773,
-5.7435

■ 231.3110, 11.6787,
-12.5507

■ 2.8670, 8.4466,
-2.5144

■ 252.6080, 1.1793,

■ 0.0000, 0.0000,

-4.9182

0.0000

■ 74.6910, 45.5083,
-36.5630

■ 74.6910, 45.5083,
-36.5630

■ 63.1510, 51.1976,
-41.3514

■ 86.2310, 39.8191,
-31.7746

■ 51.9100, 56.7394,
-45.5251

■ 97.4720, 34.2773,
-27.6009

■ 109.0120, 28.5881,
-22.8125

■ 120.5520, 22.8989,
-18.0241

■ 131.7930, 17.3571,
-13.8505

■ 143.9200, 11.3784,
-9.5768

■ 155.4600, 5.6892,
-4.7884

■ 167.0000, 0.0000,
0.0000

■ 178.2410, -5.5418,
4.1736

Harmonies

Analogous

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



73.9710, 47.3423, -64.8726



74.6910, 45.5083, -36.5630



83.6410, 28.2780, 30.1328

Triad

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



74.6910, 45.5083, -36.5630



76.2360, -31.1753, 59.4290



66.6970, -0.8366, -58.4933

Complementary

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



74.6910, 45.5083, -36.5630



125.3090, -45.5083, 36.5630

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.



58.7630, -21.0822, -51.5352



74.6910, 45.5083, -36.5630



78.1110, -38.5087, 31.4747

Square

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



74.6910, 45.5083, -36.5630



71.6490, -7.2220, 76.6068



74.3690, -36.6639, -0.3236



72.5280, 18.9667, -63.6071

Rectangle

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



74.6910, 45.5083, -36.5630



78.4720, 18.0083, 57.4681



74.3690, -36.6639, -0.3236



64.2860, -7.5360, -56.3788

Sweetspot

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



74.6910, 45.5083, -36.5630



180.9070, 17.7938, -13.9504



121.5760, -0.7770, -77.6812



88.1050, 10.7942, -8.8621



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.6910, 45.5083, -36.5630



73.8020, 70.5966, -56.8314



54.2560, 55.5828, -1.1015



78.6730, 2.6262, -2.3442



46.2220, 50.1766, -40.5367



6.3890, 6.7102, -5.6032

Inverse Universe

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



78.1960, -0.0966, 77.8811



79.1720, -0.0848, 120.8752



145.7440, -55.5828, 1.1015



78.7340, 0.1311, 4.6183



49.9520, 0.0237, 85.9881



6.7780, 0.1094, 11.5957

Previews

White Background



This preview shows how the YUV color 74.6910, 45.5083, -36.5630 looks on a white 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

Black Background



This preview shows how the YUV color 74.6910, 45.5083, -36.5630 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

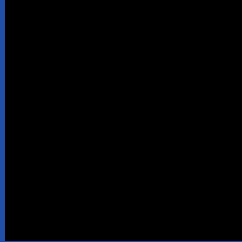
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 74.6910, 45.5083, -36.5630

Background



This preview shows how black text looks on a background with the YUV color 74.6910, 45.5083, -36.5630.



This preview shows how white text looks on a background with the YUV color 74.6910, 45.5083, -36.5630.

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

74.6910, 45.5083, -36.5630

Protanopia

67.9170, 49.3409, -52.5472

Deuteranopia

65.9520, 39.4637, -57.8399



Tritanopia

65.1760, 16.1822, -57.1594

Trichromacy



Original Color

74.6910, 45.5083, -36.5630

Protanomaly

70.6080, 48.0143, -47.0142

Deuteranomaly

69.2780, 41.7679, -50.2328

Tritanomaly

68.6790, 26.7803, -49.7075

Monochromacy



Original Color

74.6910, 45.5083, -36.5630

Achromatopsia

75.0000, 0.0000, 0.0000

Achromatomaly

74.8640, 16.3360, -13.0357

CSS Examples

Text

The CSS property to change the color of the text to YUV 74.6910, 45.5083, -36.5630 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(33, 78, 167)` looks like.

```
.text, #text, p{  
    color:rgb(33, 78, 167)  
}
```

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(33, 78, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 78, 167) }
```

Border

The CSS property to change the border of an element to YUV 74.6910, 45.5083, -36.5630 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(33, 78, 167) }
```


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

```
.border{ border-color:rgb(33, 78, 167) }
```

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

Here you see how a box with a 4 pixel rgb(33, 78, 167) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 78, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 78, 167);  
box-shadow:4px 4px 4px 4px rgb(33, 78,  
167) }
```

Background

The CSS property to change the background color of an element to YUV 74.6910, 45.5083, -36.5630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 78, 167) }
```

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

```
.background{ background-color: rgb(33, 78,  
167) }
```

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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