

Converting Colors

YUV(74.5280, 46.0817,
-33.7891)

Have a look what the booklet for
YUV(74.5280, 46.0817, -33.7891)
contains.

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Color

**YUV(74.5280, 46.0817,
-33.7891)**

Conversions

Conversions Part 1

Format	Color
Hex	244CA8
RGB	36, 76, 168
RGB Percent	14%, 30%, 66%
CMY	0.8588, 0.7020, 0.3412
CMYK	0.79, 0.55, 0.00, 0.34
HSL	222°, 65%, 40%
HSV	222°, 79%, 66%
XYZ	10.3799, 8.3711, 38.1145
YIQ	74.5280, -53.3720, 20.1320

Conversions

Conversions Part 2

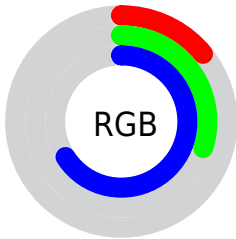
Format	Color
R_{YB}	36, 67, 168
Decimal	2378920
CIE _{Lab}	34.74, 20.27, -53.46
CIE _{LCh}	35, 57.176, 290.764
Yxy	8.3711, 0.1825, 0.1472
Android (android.graphics.Color)	4280569000 (0xFF244CA8)
YUV	74.5280, 46.0817, -33.7891
Hunter-Lab	28.9329, 13.4057, -57.8522

Details

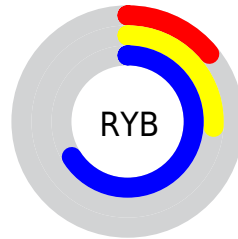
The YUV color **74.5280, 46.0817, -33.7891** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **129.4720, -46.0817, 33.7891**, and the grayscale version is **74.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **128.8220, 46.9228, -23.5229**, and **32.4810, 40.6819, -28.4858** is the 20% darker color. If you saturate the color by 10%, you get **62.4010, 52.0603, -38.0627**, and if you desaturate by 10%, it is **86.6550, 40.1031, -29.5154**.

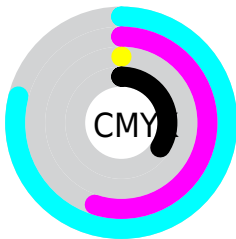
Distribution



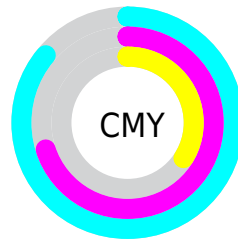
- Red (14%)
- Green (30%)
- Blue (66%)



- Red (14%)
- Yellow (26%)
- Blue (66%)



- Cyan (79%)
- Magenta (55%)
- Yellow (0%)
- Black (34%)



- Cyan (86%)
- Magenta (70%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YUV color 74.5280, 46.0817, -33.7891 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 74.5280, 46.0817, -33.7891 by changing the saturation by 10% instead.

■ 74.5280, 46.0817,
-33.7891

■ 74.5280, 46.0817,
-33.7891

■ 255.0000, 0.0000,
0.0000

■ 47.7720, 45.9614,
-41.8960

■ 128.8220, 46.9228,
-23.5229

■ 32.4810, 40.6819,
-28.4858

■ 156.0610, 47.7909,
-21.9785

■ 17.8910, 35.5497,
-15.6904

■ 180.8090, 36.5762,
-18.2495

■ 11.6330, 26.8029,
-10.2021

■ 205.3290, 24.4878,
-14.3205

■ 6.5490, 17.4773,
-5.7435

■ 230.7350, 11.9626,
-10.2916

■ 2.9810, 8.8834,
-2.6143

■ 253.2060, 0.8844,

■ 0.0000, 0.0000,

-3.6887

0.0000

■ 74.5280, 46.0817,
-33.7891

■ 74.5280, 46.0817,
-33.7891

■ 62.4010, 52.0603,
-38.0627

■ 86.6550, 40.1031,
-29.5154

■ 50.8610, 57.7495,
-42.8511

■ 98.1950, 34.4139,
-24.7270

■ 49.0890, 58.6231,
-43.0511

■ 110.0230, 28.5827,
-21.0682

■ 122.1500, 22.6041,
-16.7945

■ 134.2770, 16.6254,
-12.5209

■ 145.8170, 10.9362,
-7.7325

■ 157.9440, 4.9576,
-3.4589

■ 169.7720, -0.8736,
0.2000

■ 181.3120, -6.5628,
4.9884

Harmonies

Analogous

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



73.7260, 48.9421, -64.6577



74.5280, 46.0817, -33.7891



82.0760, 28.5565, 34.1363

Triad

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



74.5280, 46.0817, -33.7891



74.4380, -34.2329, 60.1289



66.2240, -0.1104, -58.0784

Complementary

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



74.5280, 46.0817, -33.7891



129.4720, -46.0817, 33.7891

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.



58.6490, -21.5190, -51.4352



74.5280, 46.0817, -33.7891



77.5130, -38.2139, 30.2451

Square

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



74.5280, 46.0817, -33.7891



68.8450, -7.8116, 79.0659



73.1730, -36.0743, -2.7827



72.1690, 20.1297, -63.2922

Rectangle

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



74.5280, 46.0817, -33.7891



75.3200, 18.5762, 61.9864



73.1730, -36.0743, -2.7827



63.8130, -6.8098, -55.9640

Sweetspot

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



74.5280, 46.0817, -33.7891



182.3200, 18.0832, -13.4356



123.7440, 1.1122, -76.9515



86.9310, 11.3730, -7.8325



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.



74.5280, 46.0817, -33.7891



73.4650, 71.7488, -53.0278



58.2240, 54.1196, 1.5576



78.0860, 2.9156, -1.8294



43.2870, 51.6235, -37.9627



5.8020, 6.9996, -5.0884

Inverse Universe

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



80.0280, -1.9858, 77.1514



81.7760, -2.8476, 120.3454



145.7760, -54.1196, -1.5576



78.6200, -0.3057, 4.7183



49.3820, -2.1603, 86.4880



6.6640, -0.3274, 11.6957

Previews

White Background



This preview shows how the YUV color 74.5280, 46.0817, -33.7891 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 74.5280, 46.0817, -33.7891 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

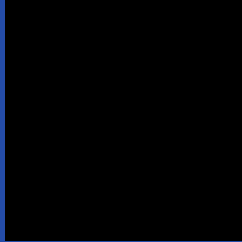
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 74.5280, 46.0817, -33.7891

Background



This preview shows how black text looks on a background with the YUV color 74.5280, 46.0817, -33.7891.



This preview shows how white text looks on a background with the YUV color 74.5280, 46.0817,

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

74.5280, 46.0817, -33.7891

Protanopia

64.8240, 50.3728, -56.8506

Deuteranopia

65.1370, 38.8795, -57.1251



Tritanopia

63.8880, 16.3242, -56.0298

Trichromacy



Original Color

74.5280, 46.0817, -33.7891

Protanomaly

68.1240, 48.7459, -48.3437

Deuteranomaly

68.2890, 41.7625, -48.4885

Tritanomaly

67.8040, 27.2116, -48.0631

Monochromacy



Original Color

74.5280, 46.0817, -33.7891

Achromatopsia

75.0000, 0.0000, 0.0000

Achromatomaly

74.6900, 16.9148, -12.0061

CSS Examples

Text

The CSS property to change the color of the text to YUV 74.5280, 46.0817, -33.7891 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(36, 76, 168)` looks like.

```
.text, #text, p{  
    color:rgb(36, 76, 168)  
}
```

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(36, 76, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 76, 168) }
```

Border

The CSS property to change the border of an element to YUV 74.5280, 46.0817, -33.7891 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(36, 76, 168) }
```


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

```
.border{ border-color:rgb(36, 76, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 76, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 76, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 76, 168);  
box-shadow:4px 4px 4px 4px rgb(36, 76,  
168) }
```

Background

The CSS property to change the background color of an element to YUV 74.5280, 46.0817, -33.7891 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 76, 168) }
```

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

```
.background{ background-color: rgb(36, 76,  
168) }
```

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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