

Converting Colors

YUV(113.1300, 49.7289,
-36.9480)

Have a look what the booklet for
YUV(113.1300, 49.7289, -36.9480)
contains.

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Color

**YUV(113.1300, 49.7289,
-36.9480)**

Conversions

Conversions Part 1

Format	Color
Hex	4773D6
RGB	71, 115, 214
RGB Percent	28%, 45%, 84%
CMY	0.7216, 0.5490, 0.1608
CMYK	0.67, 0.46, 0.00, 0.16
HSL	222°, 64%, 56%
HSV	222°, 67%, 84%
XYZ	20.8669, 18.4561, 66.0809
YIQ	113.1300, -58.0030, 21.4610

Conversions

Conversions Part 2

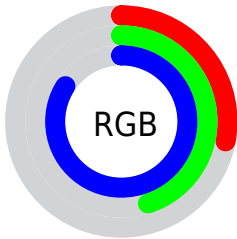
Format	Color
R _Y B	71, 105, 214
Decimal	4682710
CIE Lab	50.04, 16.96, -55.46
CIE LCh	50, 57.994, 287.000
Yxy	18.4561, 0.1980, 0.1751
Android (android.graphics.Color)	4282872790 (0xFF4773D6)
YUV	113.1300, 49.7289, -36.9480
Hunter-Lab	42.9606, 11.5203, -61.1261

Details

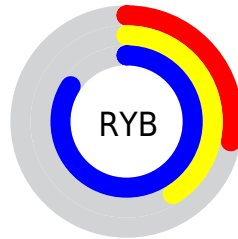
The YUV color **113.1300, 49.7289, -36.9480** is a dark color, and the websafe version is hex **3366CC**. The color can be described as middle muted azure. A complement of this color would be **171.8700, -49.7289, 36.9480**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.2790, 43.7395, -29.1857**, and **57.9280, 49.3355, -50.8029** is the 20% darker color. If you saturate the color by 10%, you get **98.0460, 57.1653, -42.1363**, and if you desaturate by 10%, it is **128.2140, 42.2925, -31.7597**.

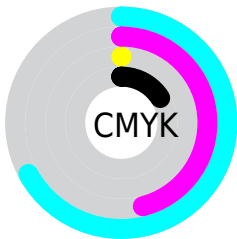
Distribution



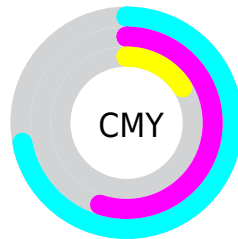
- Red (28%)
- Green (45%)
- Blue (84%)



- Red (28%)
- Yellow (41%)
- Blue (84%)



- Cyan (67%)
- Magenta (46%)
- Yellow (0%)
- Black (16%)



- Cyan (72%)
- Magenta (55%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 113.1300, 49.7289, -36.9480 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 113.1300, 49.7289, -36.9480 by changing the saturation by 10% instead.

■ 113.1300, 49.7289,
-36.9480

■ 113.1300, 49.7289,
-36.9480

255.0000, 0.0000,
0.0000

■ 83.8900, 50.3402,
-46.3845

■ 166.2790, 43.7395,
-29.1857

■ 57.9280, 49.3355,
-50.8029

■ 191.0980, 31.5037,
-24.6419

■ 42.0500, 44.3454,
-36.8778

■ 216.5040, 18.9785,
-20.6130

■ 27.9330, 38.4870,
-24.4972

■ 242.4970, 6.1640,
-17.0989

■ 9.2340, 35.3806,
-8.0982

254.4020, 0.2948,
-1.2296

■ 9.4330, 23.4505,
-8.2727

■ 5.1640, 14.7091,

-4.5288

■ 1.0260, 3.9312,
-0.8998

■ 0.0000, 0.0000,
0.0000

■ 113.1300, 49.7289,
-36.9480

■ 113.1300, 49.7289,
-36.9480

■ 98.0460, 57.1653,
-42.1363

■ 128.2140, 42.2925,
-31.7597

■ 82.6630, 64.7491,
-47.9395

■ 143.5970, 34.7087,
-25.9566

■ 68.1660, 71.8962,
-53.6426

■ 158.0940, 27.5617,
-20.2534

■ 63.1380, 74.3750,
-55.3720

■ 173.4770, 19.9778,
-14.4503

■ 188.5610, 12.5414,
-9.2620

■ 203.6450, 5.1050,
-4.0737

■ 219.0280, -2.4788,
1.7294

■ 234.1120, -9.9152,
6.9178

■ 246.2170,
-15.8830, 7.7027

Harmonies

Analogous

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



101.4070, 56.0013, -88.9339



113.1300, 49.7289, -36.9480



122.5530, 31.7724, 29.3330

Triad

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



113.1300, 49.7289, -36.9480



114.8350, -32.9497, 68.5507



93.5970, 0.6917, -82.0846

Complementary

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



113.1300, 49.7289, -36.9480



171.8700, -49.7289, 36.9480

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.



100.9340, -27.0825, -40.2841



113.1300, 49.7289, -36.9480



112.0510, -54.2551, 42.0513

Square

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



113.1300, 49.7289, -36.9480



113.5850, -10.1484, 81.9250



108.0590, -53.2731, 6.9643



99.9980, 22.6790, -87.6982

Rectangle

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



113.1300, 49.7289, -36.9480



119.8250, 19.3133, 58.9125



108.0590, -53.2731, 6.9643



90.4850, -6.1551, -79.3553

Sweetspot

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



113.1300, 49.7289, -36.9480



219.2060, 17.6464, -13.3357



166.1130, 1.4233, -83.4141



105.8170, 10.9362, -7.7325



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.



113.1300, 49.7289, -36.9480



111.2370, 70.8752, -52.8278



95.0760, 58.6295, 1.6873



99.6020, 3.6472, -3.1590



50.6050, 59.3547, -44.3806



12.5330, 15.0202, -10.9914

Inverse Universe

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



118.7730, -1.8601, 83.5141



119.1780, -2.5528, 119.1159



189.9240, -58.6295, -1.6873



99.7450, 0.1257, 6.3626



57.1710, -2.0563, 99.8280



14.3390, -0.6601, 25.1357

Previews

White Background



This preview shows how the YUV color 113.1300, 49.7289, -36.9480 looks on a white background.

Color Contrast Check

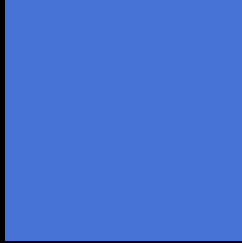
Large Text (above 18pt) WCAG AA ✓ Pass

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 113.1300, 49.7289, -36.9480 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 113.1300, 49.7289, -36.9480 Background



This preview shows how black text looks on a background with the YUV color 113.1300, 49.7289, -36.9480.



This preview shows how white text looks on a background with the YUV color 113.1300, 49.7289, -36.9480.

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

113.1300, 49.7289, -36.9480

Protanopia

112.8310, 49.8763, -37.5628

Deuteranopia

101.0010, 55.2155, -70.1609



Tritanopia

96.6730, 22.3462, -74.2582

Trichromacy



Original Color

113.1300, 49.7289, -36.9480

Protanomaly

112.8310, 49.8763, -37.5628

Deuteranomaly

105.2090, 53.1410, -58.0653

Tritanomaly

102.3940, 32.3438, -60.8585

Monochromacy



Original Color

113.1300, 49.7289, -36.9480

Achromatopsia

113.0000, 0.0000, 0.0000

Achromatomaly

113.3200, 18.0832, -13.4356

CSS Examples

Text

The CSS property to change the color of the text to YUV 113.1300, 49.7289, -36.9480 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(71, 115, 214)` looks like.

```
.text, #text, p{  
    color:rgb(71, 115, 214)  
}
```

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(71, 115, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 115, 214) }
```

Border

The CSS property to change the border of an element to YUV 113.1300, 49.7289, -36.9480 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(71, 115, 214) }
```


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

```
.border{ border-color:rgb(71, 115, 214) }
```

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

Here you see how a box with a 4 pixel rgb(71, 115, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 115, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 115, 214);  
box-shadow:4px 4px 4px 4px rgb(71, 115,  
214) }
```

Background

The CSS property to change the background color of an element to YUV 113.1300, 49.7289, -36.9480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 115, 214) }
```

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

```
.background{ background-color: rgb(71, 115,  
214) }
```

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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