

Converting Colors

YUV(130.5140, 23.9036,
-13.6058)

Have a look what the booklet for
YUV(130.5140, 23.9036, -13.6058)
contains.

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Color

**YUV(130.5140, 23.9036,
-13.6058)**

Conversions

Conversions Part 1

Format	Color
Hex	7381B3
RGB	115, 129, 179
RGB Percent	45%, 51%, 70%
CMY	0.5490, 0.4941, 0.2980
CMYK	0.36, 0.28, 0.00, 0.30
HSL	227°, 30%, 58%
HSV	227°, 36%, 70%
XYZ	23.0572, 22.6000, 45.7948
YIQ	130.5140, -24.3940, 12.5820

Conversions

Conversions Part 2

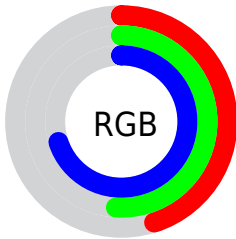
Format	Color
R_{YB}	115, 126, 179
Decimal	7569843
CIE _{Lab}	54.66, 7.28, -28.02
CIE _{LCh}	55, 28.952, 284.554
Yxy	22.6000, 0.2521, 0.2471
Android (android.graphics.Color)	4285759923 (0xFF7381B3)
YUV	130.5140, 23.9036, -13.6058
Hunter-Lab	47.5395, 3.3804, -23.8365

Details

The YUV color $130.5140, 23.9036, -13.6058$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $163.4860, -23.9036, 13.6058$, and the grayscale version is $130.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $184.1550, 25.0666, -13.2909$, and $80.4600, 22.4512, -14.4354$ is the 20% darker color. If you saturate the color by 10%, you get $116.9140, 30.6084, -17.4646$, and if you desaturate by 10%, it is $144.1140, 17.1988, -9.7470$.

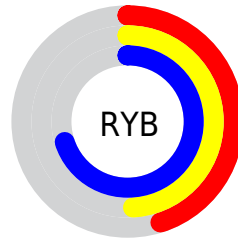
Distribution



Red (45%)

Green (51%)

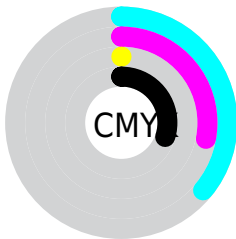
Blue (70%)



Red (45%)

Yellow (49%)

Blue (70%)

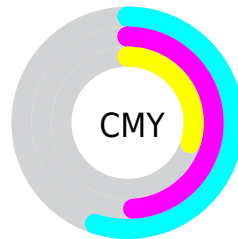


Cyan (36%)

Magenta (28%)

Yellow (0%)

Black (30%)



Cyan (55%)

Magenta (49%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YUV color 130.5140, 23.9036, -13.6058 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 130.5140, 23.9036, -13.6058 by changing the saturation by 10% instead.

■ 130.5140, 23.9036,
-13.6058

■ 130.5140, 23.9036,
-13.6058

255.0000, 0.0000,
0.0000

■ 104.9870, 23.1774,
-14.0206

■ 184.1550, 25.0666,
-13.2909

■ 80.4600, 22.4512,
-14.4354

■ 210.6560, 21.8616,
-11.9763

■ 56.3350, 22.0198,
-16.0798

■ 236.0510, 9.3419,
-9.6917

■ 32.3020, 22.0361,
-21.3129

254.7010, 0.1474,
-0.6148

■ 14.9610, 19.2462,
-13.1208

■ 4.8220, 13.3988,
-4.2289

■ 0.4560, 1.7472,

-0.3999

■ 0.0000, 0.0000,
0.0000

■ 130.5140, 23.9036,
-13.6058

■ 130.5140, 23.9036,
-13.6058

■ 116.9140, 30.6084,
-17.4646

■ 144.1140, 17.1988,
-9.7470

■ 103.3140, 37.3132,
-21.3234

■ 157.7140, 10.4940,
-5.8882

■ 89.7140, 44.0180,
-25.1822

■ 171.3140, 3.7892,
-2.0294

■ 76.1140, 50.7228,
-29.0410

■ 184.9140, -2.9156,
1.8294

■ 62.5140, 57.4276,
-32.8998

■ 198.2150, -9.4730,
5.0734

■ 49.2130, 63.9850,
-36.1438

■ 211.8150,
-16.1778, 8.9322

■ 43.2990, 66.9006,
-37.9732

■ 225.4150,
-22.8826, 12.7910

■ 238.1180,
-29.1452, 14.8055

■ 246.3360,
-33.1966, 7.5983

Harmonies

Analogous

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



122.8370, 27.1954, -42.8300



130.5140, 23.9036, -13.6058



134.0290, 16.2547, 13.1296

Triad

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



130.5140, 23.9036, -13.6058



132.0620, -17.2856, 37.6566



120.3020, -1.6279, -37.9759

Complementary

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



130.5140, 23.9036, -13.6058



163.4860, -23.9036, 13.6058

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.



124.8890, -15.2283, -15.6887



130.5140, 23.9036, -13.6058



130.3780, -23.3574, 25.1015

Square

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



130.5140, 23.9036, -13.6058



133.1300, -6.9661, 41.1050



127.7840, -22.5715, 6.3284



114.4700, 13.5723, -60.0482

Rectangle

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



130.5140, 23.9036, -13.6058



134.5810, 9.0806, 27.5545



127.7840, -22.5715, 6.3284



121.6790, -6.7437, -30.4135

Sweetspot

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



130.5140, 23.9036, -13.6058



212.7850, 9.4730, -5.0734



158.1540, 2.8821, -37.8461



105.4710, 5.6838, -3.0441



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



130.5140, 23.9036, -13.6058



156.3140, 37.3132, -21.3234



127.3790, 25.4492, 4.0526



82.2000, 3.3524, -1.9294



36.8130, 57.2802, -32.2850



6.4860, 9.6204, -5.6882

Inverse Universe

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



135.7320, -3.3189, 37.9460



164.4080, -5.1311, 59.2782



166.6210, -25.4492, -4.0526



82.9190, -0.4531, 5.3330



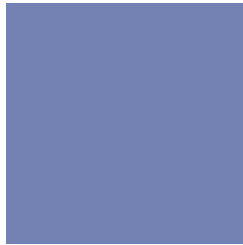
49.5090, -8.1389, 90.7616



8.4580, -1.2118, 15.3843

Previews

White Background



This preview shows how the YUV color 130.5140, 23.9036, -13.6058 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 130.5140, 23.9036, -13.6058 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

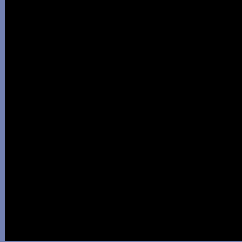
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 130.5140, 23.9036, -13.6058

Background



This preview shows how black text looks on a background with the YUV color 130.5140, 23.9036, -13.6058.



This preview shows how white text looks on a background with the YUV color 130.5140, 23.9036, -13.6058.

-13.6058.

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

130.5140, 23.9036, -13.6058

Protanopia

130.8130, 23.7562, -12.9910

Deuteranopia

130.5140, 23.9036, -13.6058



Tritanopia

127.8820, 8.9322, -18.3135

Trichromacy



Original Color

130.5140, 23.9036, -13.6058

Protanomaly

130.8130, 23.7562, -12.9910

Deuteranomaly

130.5140, 23.9036, -13.6058

Tritanomaly

128.9730, 14.3103, -16.6393

Monochromacy



Original Color

130.5140, 23.9036, -13.6058

Achromatopsia

131.0000, 0.0000, 0.0000

Achromatomaly

130.5570, 8.5994, -4.8735

CSS Examples

Text

The CSS property to change the color of the text to YUV 130.5140, 23.9036, -13.6058 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(115, 129, 179)` looks like.

```
.text, #text, p{  
    color:rgb(115, 129, 179)  
}
```

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(115, 129, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 129, 179) }
```

Border

The CSS property to change the border of an element to YUV 130.5140, 23.9036, -13.6058 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

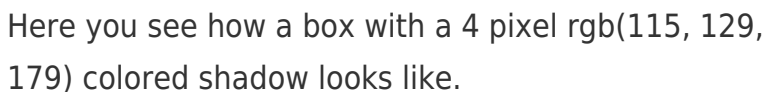
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(115, 129, 179) }
```


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

```
.border{ border-color:rgb(115, 129, 179) }
```

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



Here you see how a box with a 4 pixel `rgb(115, 129, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(115, 129, 179); -webkit-box-shadow:4px 4px 4px 4px rgb(115, 129, 179); box-shadow:4px 4px 4px 4px rgb(115, 129, 179) }
```

Background

The CSS property to change the background color of an element to YUV 130.5140, 23.9036, -13.6058 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 129, 179) }
```

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

```
.background{ background-color: rgb(115,  
129, 179) }
```

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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