

Converting Colors

YUV(132.6240, 37.1604,
-18.9642)

Have a look what the booklet for
YUV(132.6240, 37.1604, -18.9642)
contains.

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Color

**YUV(132.6240, 37.1604,
-18.9642)**

Conversions

Conversions Part 1

Format	Color
Hex	6F81D0
RGB	111, 129, 208
RGB Percent	44%, 51%, 82%
CMY	0.5647, 0.4941, 0.1843
CMYK	0.47, 0.38, 0.00, 0.18
HSL	229°, 51%, 63%
HSV	229°, 47%, 82%
XYZ	25.7910, 23.6341, 62.8770
YIQ	132.6240, -36.0870, 20.7530

Conversions

Conversions Part 2

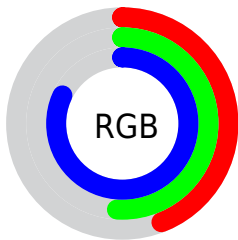
Format	Color
R _Y B	111, 126, 208
Decimal	7307728
CIE Lab	55.72, 14.57, -42.89
CIE LCh	56, 45.300, 288.757
Yxy	23.6341, 0.2297, 0.2105
Android (android.graphics.Color)	4285497808 (0xFF6F81D0)
YUV	132.6240, 37.1604, -18.9642
Hunter-Lab	48.6149, 9.6210, -42.6534

Details

The YUV color **132.6240, 37.1604, -18.9642** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **186.3760, -37.1604, 18.9642**, and the grayscale version is **132.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **185.8370, 34.0974, -16.5200**, and **80.5480, 35.7188, -23.2826** is the 20% darker color. If you saturate the color by 10%, you get **116.3660, 45.1756, -23.1230**, and if you desaturate by 10%, it is **148.8820, 29.1452, -14.8055**.

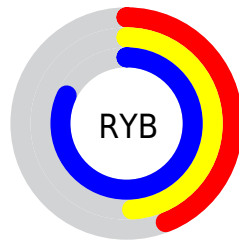
Distribution



Red (44%)

Green (51%)

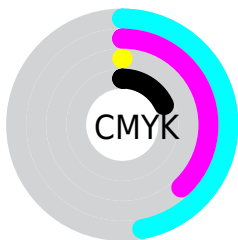
Blue (82%)



Red (44%)

Yellow (49%)

Blue (82%)

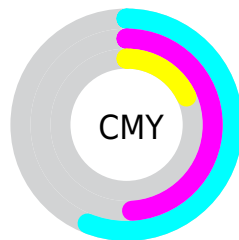


Cyan (47%)

Magenta (38%)

Yellow (0%)

Black (18%)



Cyan (56%)

Magenta (49%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 132.6240, 37.1604, -18.9642 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 132.6240, 37.1604, -18.9642 by changing the saturation by 10% instead.

■ 132.6240, 37.1604,
-18.9642

■ 132.6240, 37.1604,
-18.9642

255.0000, 0.0000,
0.0000

■ 106.3850, 36.2922,
-20.5086

■ 185.8370, 34.0974,
-16.5200

■ 80.5480, 35.7188,
-23.2826

■ 210.0580, 22.1564,
-13.2059

■ 54.5040, 35.7405,
-30.2600

■ 235.1650, 9.7787,
-9.7917

■ 33.2330, 33.4091,
-29.1453

254.7010, 0.1474,
-0.6148

■ 18.7570, 28.7138,
-16.4499

■ 8.9770, 21.7033,
-7.8728

■ 4.7080, 12.9620,

-4.1289

■ 0.3420, 1.3104,
-0.2999

■ 0.0000, 0.0000,
0.0000

■ 132.6240, 37.1604,
-18.9642

■ 132.6240, 37.1604,
-18.9642

■ 116.3660, 45.1756,
-23.1230

■ 148.8820, 29.1452,
-14.8055

■ 100.1080, 53.1908,
-27.2817

■ 165.1400, 21.1300,
-10.6468

■ 84.1490, 61.0585,
-30.8257

■ 181.0990, 13.2622,
-7.1028

■ 67.8910, 69.0737,
-34.9844

■ 197.3570, 5.2470,
-2.9441

■ 51.6330, 77.0889,
-39.1431

■ 213.6150, -2.7682,
1.2146

■ 46.6050, 79.5677,
-40.8726

■ 229.8730,
-10.7834, 5.3734

■ 245.5330,
-18.5038, 8.3026

■ 249.6420,
-20.5295, 4.6990

Harmonies

Analogous

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



107.2940, 50.6341, -94.0968



132.6240, 37.1604, -18.9642



137.4680, 23.9263, 25.8996

Triad

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



132.6240, 37.1604, -18.9642



132.1260, -27.6701, 55.1405



102.5620, 7.1179, -89.9469

Complementary

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



132.6240, 37.1604, -18.9642



186.3760, -37.1604, 18.9642

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.



121.7100, -20.5630, -31.3177



132.6240, 37.1604, -18.9642



130.6490, -37.7880, 33.6338

Square

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



132.6240, 37.1604, -18.9642



133.7200, -11.6940, 64.2666



127.3310, -35.6592, 4.0947



107.8230, 24.7373, -94.5608

Rectangle

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



132.6240, 37.1604, -18.9642



136.7390, 12.9467, 47.5869



127.3310, -35.6592, 4.0947



112.4530, -4.1673, -63.5413

Sweetspot

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



132.6240, 37.1604, -18.9642



227.2130, 13.6990, -7.2028



176.8310, 5.9993, -57.7338



110.8560, 8.4520, -4.2587



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.



132.6240, 37.1604, -18.9642



144.1510, 54.6486, -28.1964



130.7290, 38.0946, 8.1307



96.4280, 4.2260, -2.1294



37.3490, 64.4109, -32.7551



9.3700, 15.5936, -8.2175

Inverse Universe

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



142.0550, -6.4361, 57.8338



157.8350, -9.2857, 85.2137



188.2710, -38.0946, -8.1307



97.5170, -0.7479, 6.5626



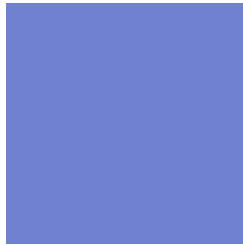
53.7660, -11.2236, 100.1832



13.1710, -2.5493, 24.4060

Previews

White Background



This preview shows how the YUV color 132.6240, 37.1604, -18.9642 looks on a white background.

Color Contrast Check

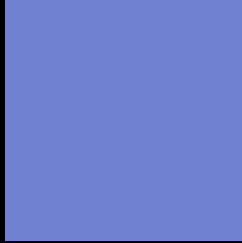
Large Text (above 18pt) WCAG AA ✓ Pass

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 132.6240, 37.1604, -18.9642 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

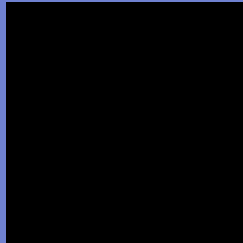
Any Text WCAG AA ✓ Pass

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 132.6240, 37.1604, -18.9642 Background



This preview shows how black text looks on a background with the YUV color 132.6240, 37.1604, -18.9642.



This preview shows how white text looks on a background with the YUV color 132.6240, 37.1604, -18.9642.

-18.9642.

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

132.6240, 37.1604, -18.9642

Protanopia

131.8190, 38.0502, -24.3973

Deuteranopia

130.0740, 37.9245, -30.7599



Tritanopia

128.5000, 11.5855, -29.3795

Trichromacy



Original Color

132.6240, 37.1604, -18.9642

Protanomaly

132.1290, 37.8974, -22.0381

Deuteranomaly

131.2810, 37.3295, -26.5564

Tritanomaly

130.2260, 20.5946, -25.6312

Monochromacy



Original Color

132.6240, 37.1604, -18.9642

Achromatopsia

133.0000, 0.0000, 0.0000

Achromatomaly

133.0990, 13.2622, -7.1028

CSS Examples

Text

The CSS property to change the color of the text to YUV 132.6240, 37.1604, -18.9642 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(111, 129, 208)` looks like.

```
.text, #text, p{  
    color:rgb(111, 129, 208)  
}
```

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(111, 129, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 129, 208) }
```

Border

The CSS property to change the border of an element to YUV 132.6240, 37.1604, -18.9642 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(111, 129, 208) }
```


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

```
.border{ border-color:rgb(111, 129, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 129, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 129, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 129, 208);  
box-shadow:4px 4px 4px 4px rgb(111, 129,  
208) }
```

Background

The CSS property to change the background color of an element to YUV 132.6240, 37.1604, -18.9642 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 129, 208) }
```

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

```
.background{ background-color: rgb(111,  
129, 208) }
```

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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