

Converting Colors

YUV(129.0920, 37.4226,
-9.7277)

Have a look what the booklet for
YUV(129.0920, 37.4226, -9.7277)
contains.

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Color

**YUV(129.0920, 37.4226,
-9.7277)**

Conversions

Conversions Part 1

Format	Color
Hex	7678CD
RGB	118, 120, 205
RGB Percent	46%, 47%, 80%
CMY	0.5373, 0.5294, 0.1961
CMYK	0.42, 0.41, 0.00, 0.20
HSL	239°, 47%, 63%
HSV	239°, 42%, 80%
XYZ	25.2071, 21.6923, 60.6161
YIQ	129.0920, -28.4770, 26.0110

Conversions

Conversions Part 2

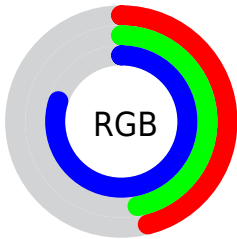
Format	Color
R _Y B	118, 120, 205
Decimal	7764173
CIE Lab	53.70, 20.81, -44.36
CIE LCh	54, 48.998, 295.139
Yxy	21.6923, 0.2345, 0.2018
Android (android.graphics.Color)	4285954253 (0xFF7678CD)
YUV	129.0920, 37.4226, -9.7277
Hunter-Lab	46.5750, 15.1009, -44.5619

Details

The YUV color **129.0920, 37.4226, -9.7277** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **193.9080, -37.4226, 9.7277**, and the grayscale version is **129.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **182.0600, 35.9594, -7.0686**, and **78.2010, 35.3969, -13.3313** is the 20% darker color. If you saturate the color by 10%, you get **111.3720, 46.1586, -11.7272**, and if you desaturate by 10%, it is **147.1110, 28.5393, -7.1133**.

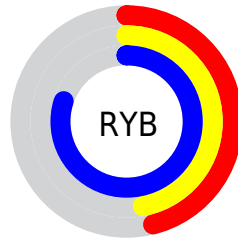
Distribution



Red (46%)

Green (47%)

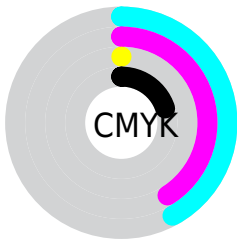
Blue (80%)



Red (46%)

Yellow (47%)

Blue (80%)

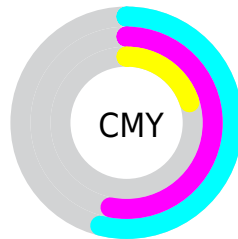


Cyan (42%)

Magenta (41%)

Yellow (0%)

Black (20%)



Cyan (54%)

Magenta (53%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 129.0920, 37.4226, -9.7277 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 129.0920, 37.4226, -9.7277 by changing the saturation by 10% instead.

■ 129.0920, 37.4226,
-9.7277

■ 129.0920, 37.4226,
-9.7277

255.0000, 0.0000,
0.0000

■ 103.1520, 36.4071,
-10.6573

■ 182.0600, 35.9594,
-7.0686

■ 78.2010, 35.3969,
-13.3313

■ 206.2810, 24.0185,
-3.7544

■ 52.7660, 35.1184,
-17.3348

■ 231.9750, 11.3513,
-0.8551

■ 28.3090, 34.8507,
-24.8270

■ 11.9580, 30.5867,
-10.4872

■ 8.1620, 21.1191,
-7.1581

■ 4.4800, 12.0884,

-3.9290

■ 0.0000, 0.0000,
0.0000

■ 129.0920, 37.4226,
-9.7277

■ 129.0920, 37.4226,
-9.7277

■ 111.3720, 46.1586,
-11.7272

■ 147.1110, 28.5393,
-7.1133

■ 93.3530, 55.0420,
-14.3416

■ 164.8310, 19.8033,
-5.1138

■ 75.6330, 63.7779,
-16.3411

■ 182.8500, 10.9200,
-2.4994

■ 57.6140, 72.6613,
-18.9555

■ 200.5700, 2.1840,
-0.4999

■ 39.8940, 81.3973,
-20.9550

■ 218.5890, -6.6994,
2.1144

■ 26.3050, 88.0966,
-23.0695

■ 236.3090,
-15.4353, 4.1140

■ 249.3000,
-21.8399, 4.9989

Harmonies

Analogous

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



103.4130, 53.5334, -90.6932



129.0920, 37.4226, -9.7277



131.7790, 22.2940, 36.1508

Triad

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



129.0920, 37.4226, -9.7277



126.3340, -33.1957, 54.0811



101.1430, 9.2965, -88.7024

Complementary

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



129.0920, 37.4226, -9.7277



193.9080, -37.4226, 9.7277

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.



112.5450, -17.0307, -44.3280



129.0920, 37.4226, -9.7277



124.1770, -41.9923, 28.7858

Square

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



129.0920, 37.4226, -9.7277



126.7160, -15.6360, 68.6551



120.3470, -36.6531, -3.8123



106.0450, 28.0788, -93.0015

Rectangle

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



129.0920, 37.4226, -9.7277



130.1100, 10.2988, 56.9085



120.3470, -36.6531, -3.8123



98.8460, 3.0339, -86.6879

Sweetspot

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



129.0920, 37.4226, -9.7277



226.3490, 14.1249, -3.8141



178.6450, 11.5140, -53.1857



109.9810, 8.8834, -2.6143



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.



129.0920, 37.4226, -9.7277



141.5810, 55.9156, -14.5415



140.1770, 31.9577, 16.5078



93.1400, 4.3680, -0.9998



21.2720, 71.3509, -18.6555



4.9190, 16.3089, -4.3140

Inverse Universe

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



144.2410, -11.9508, 53.2856



164.2120, -17.8525, 79.6211



182.8230, -31.9577, -16.5078



94.9900, -1.4741, 6.1478



50.0900, -22.7224, 101.6531



11.4760, -5.1647, 23.2615

Previews

White Background



This preview shows how the YUV color 129.0920, 37.4226, -9.7277 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 129.0920, 37.4226, -9.7277 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 129.0920, 37.4226, -9.7277

Background



This preview shows how black text looks on a background with the YUV color 129.0920, 37.4226, -9.7277.



This preview shows how white text looks on a background with the YUV color 129.0920, 37.4226, -9.7277.

-9.7277.

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

129.0920, 37.4226, -9.7277

Protanopia

125.4210, 41.6974, -27.5562

Deuteranopia

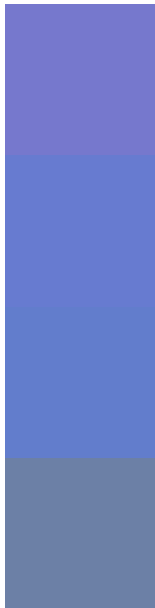
123.9920, 38.9509, -33.3190



Tritanopia

124.9850, 9.3744, -20.1578

Trichromacy



Original Color

129.0920, 37.4226, -9.7277

Protanomaly

126.7100, 40.0760, -20.7937

Deuteranomaly

125.9330, 38.4870, -24.4972

Tritanomaly

126.3520, 19.5465, -16.0947

Monochromacy



Original Color

129.0920, 37.4226, -9.7277

Achromatopsia

129.0000, 0.0000, 0.0000

Achromatomaly

129.2350, 13.6881, -3.7141

CSS Examples

Text

The CSS property to change the color of the text to YUV 129.0920, 37.4226, -9.7277 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(118, 120, 205)` looks like.

```
.text, #text, p{  
    color:rgb(118, 120, 205)  
}
```

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(118, 120, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 120, 205) }
```

Border

The CSS property to change the border of an element to YUV 129.0920, 37.4226, -9.7277 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(118, 120, 205) }
```


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

```
.border{ border-color:rgb(118, 120, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 120, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 120, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 120, 205);  
box-shadow:4px 4px 4px 4px rgb(118, 120,  
205) }
```

Background

The CSS property to change the background color of an element to YUV 129.0920, 37.4226, -9.7277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 120, 205) }
```

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

```
.background{ background-color: rgb(118,  
120, 205) }
```

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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