

Converting Colors

YUV(130.4590, 37.2417,
-45.1295)

Have a look what the booklet for
YUV(130.4590, 37.2417, -45.1295)
contains.

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Color

**YUV(130.4590, 37.2417,
-45.1295)**

Conversions

Conversions Part 1

Format	Color
Hex	4F8ECE
RGB	79, 142, 206
RGB Percent	31%, 56%, 81%
CMY	0.6902, 0.4431, 0.1922
CMYK	0.62, 0.31, 0.00, 0.19
HSL	210°, 56%, 56%
HSV	210°, 62%, 81%
XYZ	24.0380, 25.4645, 62.0407
YIQ	130.4590, -58.0920, 6.5480

Conversions

Conversions Part 2

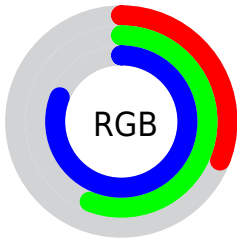
Format	Color
R _Y B	79, 121, 206
Decimal	5213902
CIE Lab	57.53, -0.72, -39.04
CIE LCh	58, 39.046, 268.939
Yxy	25.4645, 0.2155, 0.2283
Android (android.graphics.Color)	4283403982 (0xFF4F8ECE)
YUV	130.4590, 37.2417, -45.1295
Hunter-Lab	50.4624, -3.2797, -37.5702

Details

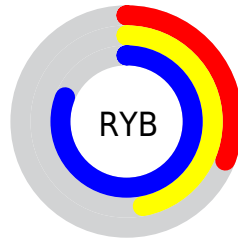
The YUV color **130.4590, 37.2417, -45.1295** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **154.5410, -37.2417, 45.1295**, and the grayscale version is **130.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **184.7970, 34.6101, -41.0410**, and **71.2180, 39.3325, -62.4582** is the 20% darker color. If you saturate the color by 10%, you get **118.3100, 43.2312, -52.8919**, and if you desaturate by 10%, it is **142.6080, 31.2523, -37.3672**.

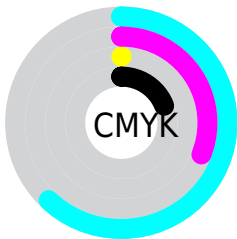
Distribution



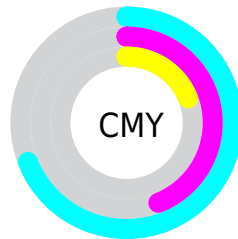
- Red (31%)
- Green (56%)
- Blue (81%)



- Red (31%)
- Yellow (47%)
- Blue (81%)



- Cyan (62%)
- Magenta (31%)
- Yellow (0%)
- Black (19%)



- Cyan (69%)
- Magenta (44%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YUV color 130.4590, 37.2417, -45.1295 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 130.4590, 37.2417, -45.1295 by changing the saturation by 10% instead.

■ 130.4590, 37.2417,
-45.1295

■ 130.4590, 37.2417,
-45.1295

255.0000, 0.0000,
0.0000

■ 102.7250, 37.1106,
-49.7478

■ 184.7970, 34.6101,
-41.0410

■ 71.2180, 39.3325,
-62.4582

■ 209.9040, 22.2323,
-37.6268

■ 54.7530, 34.6318,
-48.0184

■ 235.8970, 9.4178,
-34.1127

■ 38.9890, 30.0784,
-34.1934

■ 246.3290, 4.2748,
-17.8285

■ 24.3990, 24.9463,
-21.3979

■ 8.8630, 21.2665,
-7.7729

■ 4.5940, 12.5252,

-4.0289

■ 0.1140, 0.4368,
-0.1000

■ 0.0000, 0.0000,
0.0000

■ 130.4590, 37.2417,
-45.1295

■ 130.4590, 37.2417,
-45.1295

■ 118.3100, 43.2312,
-52.8919

■ 142.6080, 31.2523,
-37.3672

■ 105.8730, 49.3626,
-59.5246

■ 155.0450, 25.1208,
-30.7345

■ 93.7240, 55.3521,
-67.2869

■ 167.1940, 19.1314,
-22.9721

■ 83.3580, 60.4625,
-73.1050

■ 179.6310, 12.9999,
-16.3394

■ 191.7800, 7.0105,
-8.5771

■ 203.9290, 1.0210,
-0.8147

■ 216.3660, -5.1104,
5.8180

■ 228.5150,
-11.0999, 13.5803

■ 237.6740,
-15.6153, 15.1949

Harmonies

Analogous

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



110.9810, 41.9144, -97.3303



130.4590, 37.2417, -45.1295



140.4430, 28.3756, -1.2655

Triad

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



130.4590, 37.2417, -45.1295



138.9270, -15.7400, 55.3150



126.5550, -12.1056, -37.3207

Complementary

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



130.4590, 37.2417, -45.1295



154.5410, -37.2417, 45.1295

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.



132.1540, -27.1909, -5.3971



130.4590, 37.2417, -45.1295



137.8210, -28.5058, 43.1300

Square

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



130.4590, 37.2417, -45.1295



140.4440, 0.2741, 52.2306



135.5380, -32.8032, 21.4532



108.5710, 13.5225, -90.8318

Rectangle

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



130.4590, 37.2417, -45.1295



142.1210, 20.1533, 22.6959



135.5380, -32.8032, 21.4532



128.7260, -18.1059, -26.0697

Sweetspot

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



130.4590, 37.2417, -45.1295



227.7450, 13.4367, -16.4394



160.8450, -8.7976, -71.7781



110.5240, 8.6157, -10.1065



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.



130.4590, 37.2417, -45.1295



142.7240, 55.3521, -67.2869



93.4780, 55.4733, -12.6972



96.0750, 2.9210, -3.5738



67.0580, 48.7784, -58.8099



15.4850, 11.0999, -13.5803

Inverse Universe

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



124.1550, 8.7976, 71.7781



133.2270, 13.1991, 106.7949



191.5220, -55.4733, 12.6972



95.5600, 0.7099, 5.6479



58.9820, 11.3479, 93.8548



13.5280, 2.6977, 21.4619

Previews

White Background



This preview shows how the YUV color 130.4590, 37.2417, -45.1295 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 130.4590, 37.2417, -45.1295 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 130.4590, 37.2417, -45.1295

Background



This preview shows how black text looks on a background with the YUV color 130.4590, 37.2417, -45.1295.



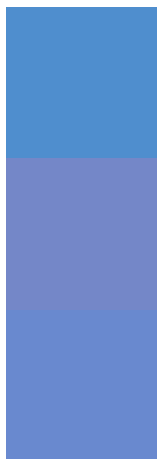
This preview shows how white text looks on a background with the YUV color 130.4590, 37.2417, -45.1295.

-45.1295.

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

130.4590, 37.2417, -45.1295

Protanopia

136.7290, 31.1926, -18.1793

Deuteranopia

135.4120, 35.2929, -26.6713



Tritanopia

123.9740, 19.2398, -57.8592

Trichromacy



Original Color

130.4590, 37.2417, -45.1295

Protanomaly

134.8310, 33.1143, -27.9158

Deuteranomaly

133.8950, 36.0408, -33.2339

Tritanomaly

126.4290, 25.9175, -52.9962

Monochromacy



Original Color

130.4590, 37.2417, -45.1295

Achromatopsia

130.0000, 0.0000, 0.0000

Achromatomaly

129.8590, 13.8735, -16.5393

CSS Examples

Text

The CSS property to change the color of the text to YUV 130.4590, 37.2417, -45.1295 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(79, 142, 206)` looks like.

```
.text, #text, p{  
    color:rgb(79, 142, 206)  
}
```

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(79, 142, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 142, 206) }
```

Border

The CSS property to change the border of an element to YUV 130.4590, 37.2417, -45.1295 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(79, 142, 206) }
```


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

```
.border{ border-color:rgb(79, 142, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 142, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 142, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 142, 206);  
box-shadow:4px 4px 4px 4px rgb(79, 142,  
206) }
```

Background

The CSS property to change the background color of an element to YUV 130.4590, 37.2417, -45.1295 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 142, 206) }
```

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

```
.background{ background-color: rgb(79, 142,  
206) }
```

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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