

Converting Colors

YUV(123.0590, 30.5369,
-41.2707)

Have a look what the booklet for
YUV(123.0590, 30.5369, -41.2707)
contains.

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Color

**YUV(123.0590, 30.5369,
-41.2707)**

Conversions

Conversions Part 1

Format	Color
Hex	4C87B9
RGB	76, 135, 185
RGB Percent	30%, 53%, 73%
CMY	0.7020, 0.4706, 0.2745
CMYK	0.59, 0.27, 0.00, 0.27
HSL	208°, 44%, 51%
HSV	208°, 59%, 73%
XYZ	20.4014, 22.3672, 49.1410
YIQ	123.0590, -51.2140, 3.0420

Conversions

Conversions Part 2

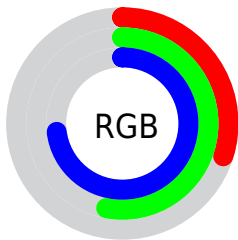
Format	Color
R_{YB}	76, 114, 185
Decimal	5015481
CIE _{Lab}	54.41, -4.14, -32.01
CIE _{LCh}	54, 32.274, 262.632
Yxy	22.3672, 0.2220, 0.2434
Android (android.graphics.Color)	4283205561 (0xFF4C87B9)
YUV	123.0590, 30.5369, -41.2707
Hunter-Lab	47.2940, -5.7642, -28.4997

Details

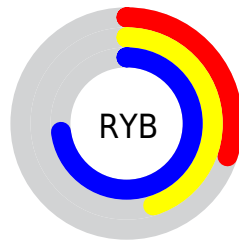
The YUV color **123.0590, 30.5369, -41.2707** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **137.9410, -30.5369, 41.2707**, and the grayscale version is **123.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **177.5970, 31.2577, -39.1116**, and **65.5300, 32.7697, -57.4698** is the 20% darker color. If you saturate the color by 10%, you get **112.9810, 35.5054, -48.2183**, and if you desaturate by 10%, it is **133.4360, 25.4211, -33.7084**.

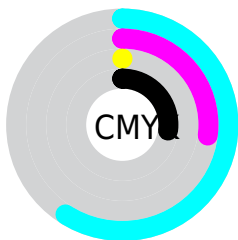
Distribution



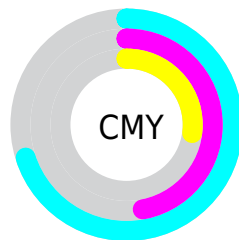
- Red (30%)
- Green (53%)
- Blue (73%)



- Red (30%)
- Yellow (45%)
- Blue (73%)



- Cyan (59%)
- Magenta (27%)
- Yellow (0%)
- Black (27%)



- Cyan (70%)
- Magenta (47%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 123.0590, 30.5369, -41.2707 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 123.0590, 30.5369, -41.2707 by changing the saturation by 10% instead.

■ 123.0590, 30.5369,
-41.2707

■ 123.0590, 30.5369,
-41.2707

■ 255.0000, 0.0000,
0.0000

■ 96.0370, 30.5478,
-44.7594

■ 177.5970, 31.2577,
-39.1116

■ 65.5300, 32.7697,
-57.4698

■ 204.0010, 25.1425,
-37.7119

■ 49.0650, 28.0690,
-43.0300

■ 229.1080, 12.7648,
-34.2977

■ 33.4150, 23.9524,
-29.3050

■ 244.2360, 5.3067,
-22.1320

■ 18.9390, 19.2571,
-16.6095

■ 253.2060, 0.8844,
-3.6887

■ 5.2780, 15.1459,
-4.6288

■ 1.3680, 5.2416,

-1.1997

■ 0.0000, 0.0000,
0.0000

■ 123.0590, 30.5369,
-41.2707

■ 123.0590, 30.5369,
-41.2707

■ 112.9810, 35.5054,
-48.2183

■ 133.4360, 25.4211,
-33.7084

■ 102.0170, 40.9106,
-55.2659

■ 144.1010, 20.1632,
-27.2756

■ 91.6400, 46.0265,
-62.8283

■ 154.4780, 15.0473,
-19.7132

■ 80.9750, 51.2843,
-69.2611

■ 165.1430, 9.7895,
-13.2804

■ 79.7900, 51.8685,
-69.9758

■ 175.5200, 4.6736,
-5.7180

■ 186.1850, -0.5842,
0.7148

■ 196.2630, -5.5527,
7.6623

■ 207.2270,
-10.9579, 14.7099

■ 217.6040,
-16.0738, 22.2723

Harmonies

Analogous

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



107.3760, 32.8456, -81.8908



123.0590, 30.5369, -41.2707



130.9000, 25.1923, -6.9283

Triad

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



123.0590, 30.5369, -41.2707



131.5390, -10.6187, 46.0083



121.7030, -13.1646, -24.2955

Complementary

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



123.0590, 30.5369, -41.2707



137.9410, -30.5369, 41.2707

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.



126.1100, -23.7182, 0.7805



123.0590, 30.5369, -41.2707



130.3350, -21.3642, 39.1712

Square

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



123.0590, 30.5369, -41.2707



133.2360, 2.3487, 40.1350



128.5580, -26.4041, 22.3126



115.7670, 3.0729, -52.4157

Rectangle

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



123.0590, 30.5369, -41.2707



133.5990, 18.4387, 12.6297



128.5580, -26.4041, 22.3126



123.9060, -17.7017, -15.7036

Sweetspot

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



123.0590, 30.5369, -41.2707



215.4030, 12.1263, -16.1394



145.5690, -10.1405, -61.0120



104.8830, 7.4527, -10.4214



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



123.0590, 30.5369, -41.2707



143.3840, 47.6317, -64.3578



91.3610, 46.1640, -13.4716



86.9610, 2.4842, -3.4738



67.0920, 43.8316, -58.8397



11.9970, 7.8895, -10.5214

Inverse Universe

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



115.3170, 9.7037, 61.1120



131.3180, 15.1262, 95.3141



169.6390, -46.1640, 13.4716



86.2610, 0.8573, 5.0331



56.2200, 13.6955, 87.5071



10.0820, 2.4246, 15.7141

Previews

White Background



This preview shows how the YUV color 123.0590, 30.5369, -41.2707 looks on a white background.

Color Contrast Check

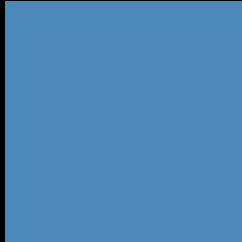
Large Text (above 18pt) WCAG AA ✓ Pass

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 123.0590, 30.5369, -41.2707 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

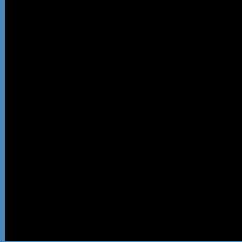
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 123.0590, 30.5369, -41.2707

Background



This preview shows how black text looks on a background with the YUV color 123.0590, 30.5369, -41.2707.

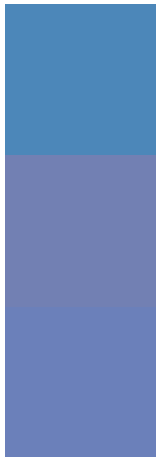


This preview shows how white text looks on a background with the YUV color 123.0590, 30.5369, -41.2707.

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

123.0590, 30.5369, -41.2707

Protanopia

129.6280, 24.3404, -13.7058

Deuteranopia

128.3330, 28.4298, -18.7090



Tritanopia

118.7470, 16.8867, -49.7671

Trichromacy



Original Color

123.0590, 30.5369, -41.2707

Protanomaly

127.4310, 26.4095, -24.0570

Deuteranomaly

126.8050, 29.1831, -27.0160

Tritanomaly

120.4360, 21.9701, -46.8634

Monochromacy



Original Color

123.0590, 30.5369, -41.2707

Achromatopsia

123.0000, 0.0000, 0.0000

Achromatomaly

122.8870, 11.3947, -14.8099

CSS Examples

Text

The CSS property to change the color of the text to YUV 123.0590, 30.5369, -41.2707 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(76, 135, 185)` looks like.

```
.text, #text, p{  
    color:rgb(76, 135, 185)  
}
```

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(76, 135, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 135, 185) }
```

Border

The CSS property to change the border of an element to YUV 123.0590, 30.5369, -41.2707 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(76, 135, 185) }
```


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

```
.border{ border-color:rgb(76, 135, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 135, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 135, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 135, 185);  
box-shadow:4px 4px 4px 4px rgb(76, 135,  
185) }
```

Background

The CSS property to change the background color of an element to YUV 123.0590, 30.5369, -41.2707 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 135, 185) }
```

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

```
.background{ background-color: rgb(76, 135,  
185) }
```

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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