

Converting Colors

YUV(163.0010, 41.9045,
-47.3589)

Have a look what the booklet for
YUV(163.0010, 41.9045, -47.3589)
contains.

YUV(163.0010, 41.9045, -47.3589)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(163.0010, 41.9045,
-47.3589)**

Conversions

Conversions Part 1

Format	Color
Hex	6DAEF8
RGB	109, 174, 248
RGB Percent	43%, 68%, 97%
CMY	0.5725, 0.3176, 0.0275
CMYK	0.56, 0.30, 0.00, 0.03
HSL	212°, 91%, 70%
HSV	212°, 56%, 97%
XYZ	38.3860, 40.3006, 94.5626
YIQ	163.0010, -62.4940, 9.2340

Conversions

Conversions Part 2

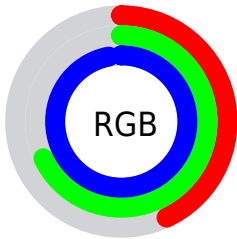
Format	Color
R _{YB}	109, 153, 248
Decimal	7188216
CIE Lab	69.68, 0.26, -43.09
CIE LCh	70, 43.088, 270.348
Yxy	40.3006, 0.2216, 0.2326
Android (android.graphics.Color)	4285378296 (0xFF6DAEF8)
YUV	163.0010, 41.9045, -47.3589
Hunter-Lab	63.4828, -3.1616, -43.8792

Details

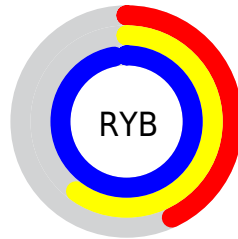
The YUV color **163.0010, 41.9045, -47.3589** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **193.9990, -41.9045, 47.3589**, and the grayscale version is **163.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **214.0240, 20.2012, -39.4860**, and **105.6470, 42.0790, -56.6954** is the 20% darker color. If you saturate the color by 10%, you get **147.8950, 49.3518, -56.0359**, and if you desaturate by 10%, it is **178.1070, 34.4572, -38.6818**.

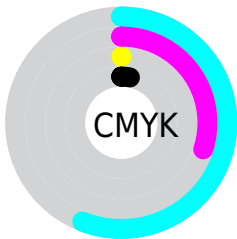
Distribution



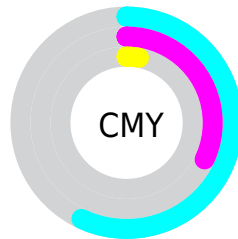
- Red (43%)
- Green (68%)
- Blue (97%)



- Red (43%)
- Yellow (60%)
- Blue (97%)



- Cyan (56%)
- Magenta (30%)
- Yellow (0%)
- Black (3%)



- Cyan (57%)
- Magenta (32%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YUV color 163.0010, 41.9045, -47.3589 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 163.0010, 41.9045, -47.3589 by changing the saturation by 10% instead.

■ 163.0010, 41.9045,
-47.3589

■ 163.0010, 41.9045,
-47.3589

255.0000, 0.0000,
0.0000

■ 135.1640, 41.3311,
-50.1328

■ 214.0240, 20.2012,
-39.4860

■ 105.6470, 42.0790,
-56.6954

■ 237.9570, 8.4022,
-35.0423

■ 75.6350, 43.5639,
-66.3319

■ 246.9270, 3.9800,
-16.5990

■ 59.0560, 38.4264,
-51.7921

■ 43.1780, 33.4362,
-37.8671

■ 28.1150, 29.0303,
-24.6569

■ 10.7040, 25.7819,

-9.3874

■ 6.3210, 16.6037,
-5.5435

■ 2.6390, 7.5730,
-2.3144

■ 163.0010, 41.9045,
-47.3589

■ 163.0010, 41.9045,
-47.3589

■ 147.8950, 49.3518,
-56.0359

■ 178.1070, 34.4572,
-38.6818

■ 132.7890, 56.7990,
-64.7130

■ 193.2130, 27.0100,
-30.0048

■ 117.3950, 64.3883,
-72.2604

■ 208.6070, 19.4207,
-22.4573

■ 102.2890, 71.8355,
-80.9375

■ 223.7130, 11.9735,
-13.7803

■ 96.3640, 74.7565,
-84.5112

■ 238.8190, 4.5262,
-5.1033

■ 253.0280, -2.4788,
1.7294

■ 254.2020, -3.0576,
0.6998

Harmonies

Analogous

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



135.0260, 50.2732, -118.4178



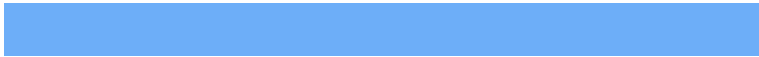
163.0010, 41.9045, -47.3589



173.0780, 32.0065, 0.8086

Triad

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



163.0010, 41.9045, -47.3589



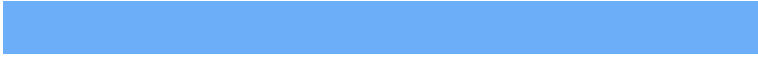
171.1730, -18.8193, 62.9923



156.2830, -12.9575, -44.0982

Complementary

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



163.0010, 41.9045, -47.3589



193.9990, -41.9045, 47.3589

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.



163.2200, -30.6745, -8.0859



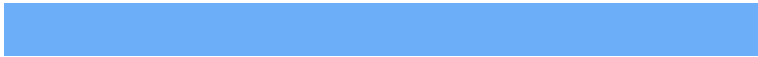
163.0010, 41.9045, -47.3589



169.7140, -32.8900, 49.3628

Square

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



163.0010, 41.9045, -47.3589



173.4450, -1.2054, 60.1227



166.9960, -37.4660, 23.6825



141.5490, 13.5333, -94.3205

Rectangle

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



163.0010, 41.9045, -47.3589



175.1370, 22.6105, 27.9439



166.9960, -37.4660, 23.6825



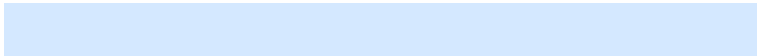
158.9380, -19.6894, -31.5176

Sweetspot

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



163.0010, 41.9045, -47.3589



228.6420, 12.9945, -14.5950



198.8010, -8.7759, -78.7555



112.0080, 7.8841, -8.7770



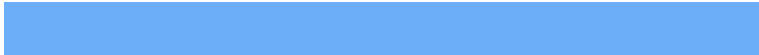
0.0000, 0.0000, 0.0000



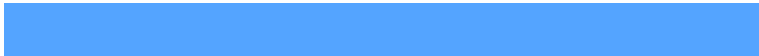
128.0000, 0.0000, 0.0000

Same Dimension

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



163.0010, 41.9045, -47.3589



150.4540, 51.5412, -58.2802



125.4440, 60.4201, -12.6674



117.0040, 3.9420, -4.3885



73.2020, 57.0884, -64.1982



23.9770, 18.2523, -21.0278

Inverse Universe

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



157.9710, 7.9023, 78.9554



144.2490, 9.7372, 97.1286



231.5560, -60.4201, 12.6674



116.5710, 0.7045, 7.3922



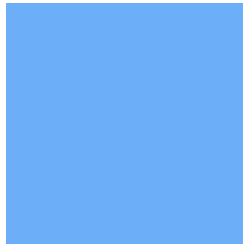
66.5430, 10.5783, 107.3948



21.5450, 3.6753, 34.6020

Previews

White Background



This preview shows how the YUV color 163.0010, 41.9045, -47.3589 looks on a white background.

Color Contrast Check

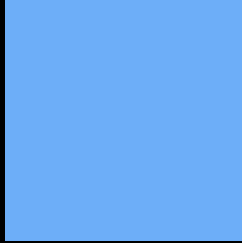
Large Text (above 18pt) WCAG AA × Fail

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 163.0010, 41.9045, -47.3589 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 ✓ Pass

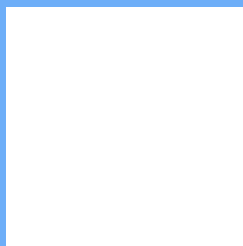
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 163.0010, 41.9045, -47.3589

Background



This preview shows how black text looks on a background with the YUV color 163.0010, 41.9045, -47.3589.



This preview shows how white text looks on a background with the YUV color 163.0010, 41.9045, -47.3589.

-47.3589.

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

163.0010, 41.9045, -47.3589

Protanopia

168.9720, 36.0028, -21.0234

Deuteranopia

167.3670, 40.2451, -28.3859



Tritanopia

157.4900, 19.9714, -59.1887

Trichromacy



Original Color

163.0010, 41.9045, -47.3589

Protanomaly

167.0740, 37.9245, -30.7599

Deuteranomaly

165.8500, 40.9930, -34.9484

Tritanomaly

159.2870, 27.9595, -54.6257

Monochromacy



Original Color

163.0010, 41.9045, -47.3589

Achromatopsia

163.0000, 0.0000, 0.0000

Achromatomaly

162.9020, 15.3313, -17.4541

CSS Examples

Text

The CSS property to change the color of the text to YUV 163.0010, 41.9045, -47.3589 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(109, 174, 248)` looks like.

```
.text, #text, p{  
    color:rgb(109, 174, 248)  
}
```

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(109, 174, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 174, 248) }
```

Border

The CSS property to change the border of an element to YUV 163.0010, 41.9045, -47.3589 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(109, 174, 248) }
```


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

```
.border{ border-color:rgb(109, 174, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 174, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(109, 174, 248); -webkit-box-shadow:4px 4px 4px 4px rgb(109, 174, 248); box-shadow:4px 4px 4px 4px rgb(109, 174, 248) }
```

Background

The CSS property to change the background color of an element to YUV 163.0010, 41.9045, -47.3589 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 174, 248) }
```

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

```
.background{ background-color: rgb(109,  
174, 248) }
```

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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