

Converting Colors

YUV(164.6200, 43.0783,
-50.5327)

Have a look what the booklet for
YUV(164.6200, 43.0783, -50.5327)
contains.

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Color

**YUV(164.6200, 43.0783,
-50.5327)**

Conversions

Conversions Part 1

Format	Color
Hex	6BB1FC
RGB	107, 177, 252
RGB Percent	42%, 69%, 99%
CMY	0.5804, 0.3059, 0.0118
CMYK	0.58, 0.30, 0.00, 0.01
HSL	211°, 96%, 70%
HSV	211°, 58%, 99%
XYZ	39.3562, 41.5984, 98.0505
YIQ	164.6200, -65.7950, 8.4850

Conversions

Conversions Part 2

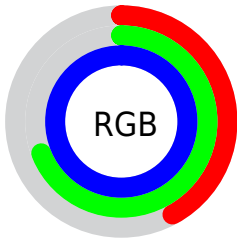
Format	Color
R _Y B	107, 154, 252
Decimal	7057916
CIE Lab	70.59, -0.57, -43.84
CIE LCh	71, 43.840, 269.251
Yxy	41.5984, 0.2199, 0.2324
Android (android.graphics.Color)	4285247996 (0xFF6BB1FC)
YUV	164.6200, 43.0783, -50.5327
Hunter-Lab	64.4968, -3.9479, -44.9871

Details

The YUV color **164.6200, 43.0783, -50.5327** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **194.3800, -43.0783, 50.5327**, and the grayscale version is **164.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **215.1870, 19.6278, -42.2600**, and **106.3690, 43.6951, -61.7136** is the 20% darker color. If you saturate the color by 10%, you get **149.5140, 50.5256, -59.2098**, and if you desaturate by 10%, it is **179.7260, 35.6311, -41.8557**.

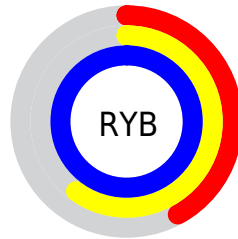
Distribution



Red (42%)

Green (69%)

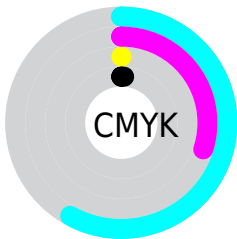
Blue (99%)



Red (42%)

Yellow (60%)

Blue (99%)

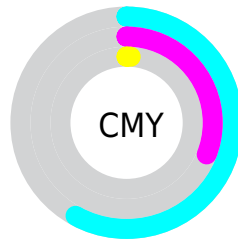


Cyan (58%)

Magenta (30%)

Yellow (0%)

Black (1%)



Cyan (58%)

Magenta (31%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YUV color 164.6200, 43.0783, -50.5327 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 164.6200, 43.0783, -50.5327 by changing the saturation by 10% instead.

■ 164.6200, 43.0783,
-50.5327

■ 164.6200, 43.0783,
-50.5327

255.0000, 0.0000,
0.0000

■ 135.8970, 42.9418,
-53.4067

■ 215.1870, 19.6278,
-42.2600

■ 106.3690, 43.6951,
-61.7136

■ 237.6580, 8.5496,
-35.6571

■ 77.8520, 44.4430,
-68.2762

■ 246.6280, 4.1274,
-17.2138

■ 60.6860, 39.5948,
-53.2216

■ 44.8080, 34.6047,
-39.2966

■ 30.2180, 29.4725,
-26.5012

■ 13.3940, 25.9348,

-11.7465

■ 6.6630, 17.9141,
-5.8435

■ 2.9810, 8.8834,
-2.6143

■ 164.6200, 43.0783,
-50.5327

■ 164.6200, 43.0783,
-50.5327

■ 149.5140, 50.5256,
-59.2098

■ 179.7260, 35.6311,
-41.8557

■ 134.4080, 57.9729,
-67.8868

■ 194.8320, 28.1838,
-33.1787

■ 119.0030, 65.5675,
-77.1786

■ 210.2370, 20.5892,
-23.8868

■ 103.8970, 73.0148,
-85.8557

■ 225.3430, 13.1419,
-15.2098

■ 100.3420, 74.7674,
-87.9999

■ 240.4490, 5.6946,
-6.5328

254.6580, -1.3104,
0.2999

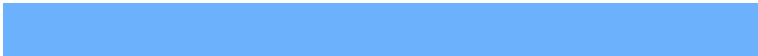
Harmonies

Analogous

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



137.1290, 50.7154, -120.2621



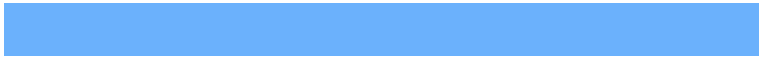
164.6200, 43.0783, -50.5327



175.5940, 32.7382, -0.5209

Triad

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



164.6200, 43.0783, -50.5327



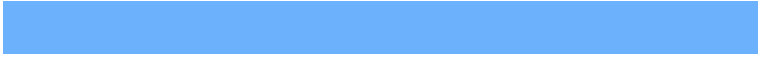
174.1840, -18.8247, 64.7366



158.9410, -14.2679, -43.7983

Complementary

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



164.6200, 43.0783, -50.5327



194.3800, -43.0783, 50.5327

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.



165.5900, -31.8429, -6.6564



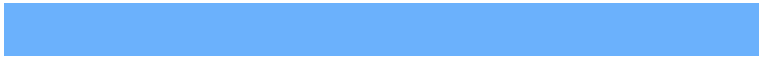
164.6200, 43.0783, -50.5327



172.3120, -33.1848, 50.5924

Square

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



164.6200, 43.0783, -50.5327



176.2710, -0.6266, 61.1523



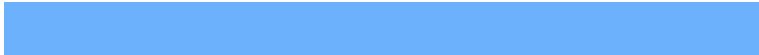
169.7790, -38.3450, 25.6268



143.7340, 12.9491, -93.6057

Rectangle

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



164.6200, 43.0783, -50.5327



177.6530, 23.3421, 26.6143



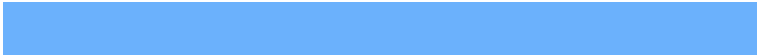
169.7790, -38.3450, 25.6268



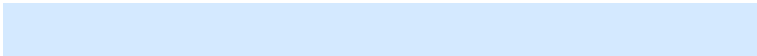
161.5960, -20.9998, -31.2177

Sweetspot

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



164.6200, 43.0783, -50.5327



229.2290, 12.7051, -15.1098



200.6650, -9.2018, -82.1442



112.0080, 7.8841, -8.7770



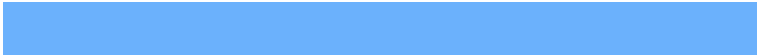
0.0000, 0.0000, 0.0000



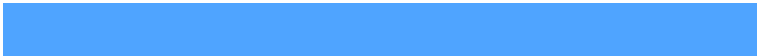
128.0000, 0.0000, 0.0000

Same Dimension

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



164.6200, 43.0783, -50.5327



148.9590, 52.2782, -61.3540



124.1280, 63.0409, -13.2673



117.0040, 3.9420, -4.3885



74.9630, 56.2202, -65.7426



24.5640, 17.9629, -21.5426

Inverse Universe

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



158.3350, 9.2018, 82.1442



141.3140, 11.1842, 99.7026



234.8720, -63.0409, 13.2673



116.5710, 0.7045, 7.3922



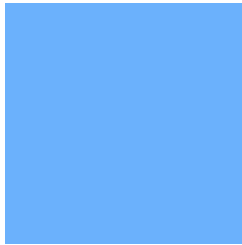
66.8850, 11.8887, 107.0949



21.6590, 4.1121, 34.5021

Previews

White Background



This preview shows how the YUV color 164.6200, 43.0783, -50.5327 looks on a white background.

Color Contrast Check

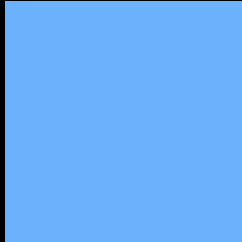
Large Text (above 18pt) WCAG AA × Fail

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 164.6200, 43.0783, -50.5327 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

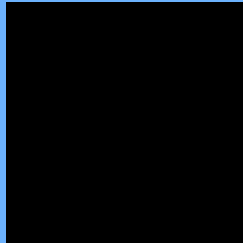
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

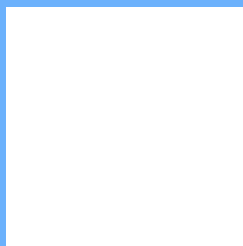
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 164.6200, 43.0783, -50.5327

Background



This preview shows how black text looks on a background with the YUV color 164.6200, 43.0783, -50.5327.



This preview shows how white text looks on a background with the YUV color 164.6200, 43.0783, -50.5327.

-50.5327.

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

164.6200, 43.0783, -50.5327

Protanopia

171.2000, 36.8764, -21.2234

Deuteranopia

170.1820, 40.8293, -29.1006



Tritanopia

158.8100, 21.2927, -62.9774

Trichromacy



Original Color

164.6200, 43.0783, -50.5327

Protanomaly

168.7040, 39.0929, -32.1894

Deuteranomaly

168.0670, 41.8720, -36.8928

Tritanomaly

160.6070, 29.2807, -58.4143

Monochromacy



Original Color

164.6200, 43.0783, -50.5327

Achromatopsia

165.0000, 0.0000, 0.0000

Achromatomaly

164.7170, 15.9155, -18.1688

CSS Examples

Text

The CSS property to change the color of the text to YUV 164.6200, 43.0783, -50.5327 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(107, 177, 252)` looks like.

```
.text, #text, p{  
    color:rgb(107, 177, 252)  
}
```

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(107, 177, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 177, 252) }
```

Border

The CSS property to change the border of an element to YUV 164.6200, 43.0783, -50.5327 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(107, 177, 252) }
```


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

```
.border{ border-color:rgb(107, 177, 252) }
```

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

Here you see how a box with a 4 pixel rgb(107, 177, 252) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 177, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 177, 252);  
box-shadow:4px 4px 4px 4px rgb(107, 177,  
252) }
```

Background

The CSS property to change the background color of an element to YUV 164.6200, 43.0783, -50.5327 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 177, 252) }
```

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

```
.background{ background-color: rgb(107,  
177, 252) }
```

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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