

Converting Colors

YUV(165.1450, 33.4525,
-43.1002)

Have a look what the booklet for
YUV(165.1450, 33.4525, -43.1002)
contains.

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Color

**YUV(165.1450, 33.4525,
-43.1002)**

Conversions

Conversions Part 1

Format	Color
Hex	74B1E9
RGB	116, 177, 233
RGB Percent	45%, 69%, 91%
CMY	0.5451, 0.3059, 0.0863
CMYK	0.50, 0.24, 0.00, 0.09
HSL	209°, 73%, 68%
HSV	209°, 50%, 91%
XYZ	37.6326, 41.0405, 83.0289
YIQ	165.1450, -54.3320, 4.4840

Conversions

Conversions Part 2

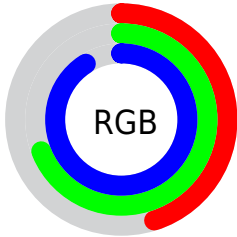
Format	Color
R _Y B	116, 156, 233
Decimal	7647721
CIE Lab	70.20, -4.42, -34.09
CIE LCh	70, 34.377, 262.615
Yxy	41.0405, 0.2327, 0.2538
Android (android.graphics.Color)	4285837801 (0xFF74B1E9)
YUV	165.1450, 33.4525, -43.1002
Hunter-Lab	64.0628, -7.2533, -31.9991

Details

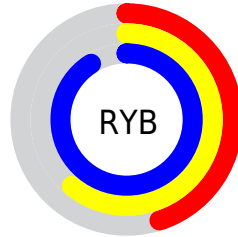
The YUV color $165.1450, 33.4525, -43.1002$ is a light color, and the websafe version is hex $6699CC$. A complement of this color would be $183.8550, -33.4525, 43.1002$, and the grayscale version is $165.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $217.8670, 18.3066, -38.4714$, and $110.2970, 32.8846, -47.6185$ is the 20% darker color. If you saturate the color by 10%, you get $151.8110, 40.0262, -51.5772$, and if you desaturate by 10%, it is $178.4790, 26.8789, -34.6231$.

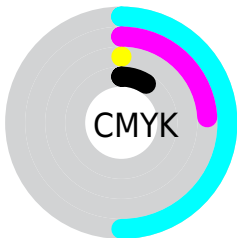
Distribution



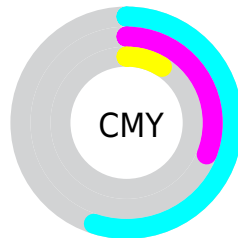
- Red (45%)
- Green (69%)
- Blue (91%)



- Red (45%)
- Yellow (61%)
- Blue (91%)



- Cyan (50%)
- Magenta (24%)
- Yellow (0%)
- Black (9%)



- Cyan (55%)
- Magenta (31%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 165.1450, 33.4525, -43.1002 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 165.1450, 33.4525, -43.1002 by changing the saturation by 10% instead.

■ 165.1450, 33.4525,
-43.1002

■ 165.1450, 33.4525,
-43.1002

■ 255.0000, 0.0000,
0.0000

■ 137.4330, 33.3105,
-44.2297

■ 217.8670, 18.3066,
-38.4714

■ 110.2970, 32.8846,
-47.6185

■ 239.4520, 7.6652,
-31.9684

■ 79.6870, 34.6643,
-58.4845

■ 248.1230, 3.3904,
-14.1399

■ 58.7480, 32.1692,
-51.5220

■ 42.9840, 27.6159,
-37.6970

■ 27.9210, 23.2099,
-24.4867

■ 9.4500, 20.9771,

-8.2876

■ 4.5940, 12.5252,
-4.0289

■ 0.0000, 0.0000,
0.0000

■ 165.1450, 33.4525,
-43.1002

■ 165.1450, 33.4525,
-43.1002

■ 151.8110, 40.0262,
-51.5772

■ 178.4790, 26.8789,
-34.6231

■ 138.1780, 46.7472,
-60.6691

■ 192.1120, 20.1578,
-25.5312

■ 124.8440, 53.3209,
-69.1462

■ 205.4460, 13.5841,
-17.0541

■ 110.9230, 60.1840,
-77.1085

■ 219.3670, 6.7211,
-9.0919

■ 97.5890, 66.7576,
-85.5856

■ 233.0000, 0.0000,
0.0000

■ 246.0350, -6.4263,
7.8623

■ 252.4920, -9.6096,
2.1995

Harmonies

Analogous

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



154.9040, 32.0923, -73.5838



165.1450, 33.4525, -43.1002



172.8830, 27.6657, -6.9134

Triad

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



165.1450, 33.4525, -43.1002



174.1160, -12.3822, 51.6413



162.9370, -14.7589, -26.2547

Complementary

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



165.1450, 33.4525, -43.1002



183.8550, -33.4525, 43.1002

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.



167.3120, -26.7758, 1.4804



165.1450, 33.4525, -43.1002



172.2710, -24.2906, 44.4893

Square

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



165.1450, 33.4525, -43.1002



175.3830, 2.7692, 45.2681



170.3690, -29.7619, 25.9864



157.0440, 2.9363, -55.2896

Rectangle

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



165.1450, 33.4525, -43.1002



175.5930, 20.9067, 14.3889



170.3690, -29.7619, 25.9864



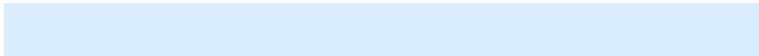
164.4390, -19.4434, -17.0480

Sweetspot

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



165.1450, 33.4525, -43.1002



233.0720, 10.8105, -14.0951



190.9490, -9.8349, -65.7303



114.6660, 6.5737, -8.4771



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.



165.1450, 33.4525, -43.1002



166.4020, 43.6788, -56.4806



131.6860, 49.9478, -13.7566



110.7760, 3.0684, -4.1886



75.8120, 51.8577, -66.4871



22.5920, 15.4841, -19.8132

Inverse Universe

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



157.9370, 9.3981, 65.8303



156.8670, 12.3906, 86.0626



217.3140, -49.9478, 13.7566



109.9730, 0.9993, 6.1627



64.8350, 14.3783, 101.8767



19.3380, 4.2704, 30.3986

Previews

White Background



This preview shows how the YUV color 165.1450, 33.4525, -43.1002 looks on a white background.

Color Contrast Check

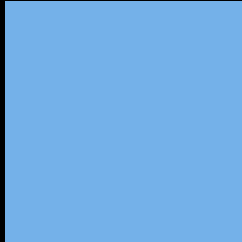
Large Text (above 18pt) WCAG AA × Fail

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 165.1450, 33.4525, -43.1002 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

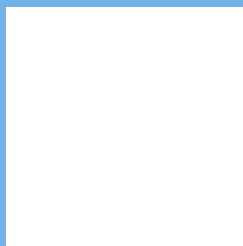
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 165.1450, 33.4525, -43.1002

Background



This preview shows how black text looks on a background with the YUV color 165.1450, 33.4525, -43.1002.



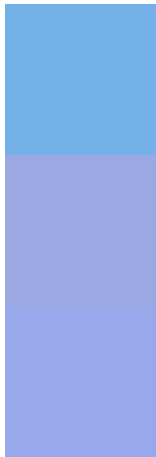
This preview shows how white text looks on a background with the YUV color 165.1450, 33.4525, -43.1002.

-43.1002.

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

165.1450, 33.4525, -43.1002

Protanopia

171.4260, 27.3980, -14.4056

Deuteranopia

171.1420, 31.4820, -17.6645



Tritanopia

161.3880, 18.0497, -49.4523

Trichromacy



Original Color

165.1450, 33.4525, -43.1002

Protanomaly

169.2290, 29.4671, -24.7568

Deuteranomaly

168.9020, 32.0933, -27.1011

Tritanomaly

162.8920, 23.7172, -47.2633

Monochromacy



Original Color

165.1450, 33.4525, -43.1002

Achromatopsia

165.0000, 0.0000, 0.0000

Achromatomaly

164.8160, 12.4157, -15.6246

CSS Examples

Text

The CSS property to change the color of the text to YUV 165.1450, 33.4525, -43.1002 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(116, 177, 233)` looks like.

```
.text, #text, p{  
    color:rgb(116, 177, 233)  
}
```

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(116, 177, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 177, 233) }
```

Border

The CSS property to change the border of an element to YUV 165.1450, 33.4525, -43.1002 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(116, 177, 233) }
```


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

```
.border{ border-color:rgb(116, 177, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 177, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 177, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 177, 233);  
box-shadow:4px 4px 4px 4px rgb(116, 177,  
233) }
```

Background

The CSS property to change the background color of an element to YUV 165.1450, 33.4525, -43.1002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 177, 233) }
```

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

```
.background{ background-color: rgb(116,  
177, 233) }
```

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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