

# Converting Colors

YUV(143.3520, 46.1685,  
-61.6987)

Have a look what the booklet for  
YUV(143.3520, 46.1685, -61.6987)  
contains.

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# Color

**YUV(143.3520, 46.1685,  
-61.6987)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	49A1ED
RGB	73, 161, 237
RGB Percent	29%, 63%, 93%
CMY	0.7137, 0.3686, 0.0706
CMYK	0.69, 0.32, 0.00, 0.07
HSL	208°, 82%, 61%
HSV	208°, 69%, 93%
XYZ	30.7786, 33.0206, 84.8722
YIQ	143.3520, -76.8440, 4.9800

# Conversions

## Conversions Part 2

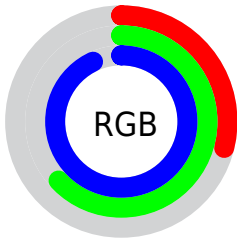
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	73, 130, 237
Decimal	4825581
CIE Lab	64.18, -2.24, -45.83
CIE LCh	64, 45.880, 267.201
Yxy	33.0206, 0.2070, 0.2221
Android (android.graphics.Color)	4283015661 (0xFF49A1ED)
YUV	143.3520, 46.1685, -61.6987
Hunter-Lab	57.4636, -4.9533, -47.3452

# Details

The YUV color **143.3520, 46.1685, -61.6987** is a light color, and the websafe version is hex **6699CC**. The color can be described as light muted azure. A complement of this color would be **166.6480, -46.1685, 61.6987**, and the grayscale version is **143.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **197.1240, 28.5329, -51.8517**, and **85.2040, 47.2274, -74.7239** is the 20% darker color. If you saturate the color by 10%, you get **129.7190, 52.8895, -70.7906**, and if you desaturate by 10%, it is **156.9850, 39.4474, -52.6068**.

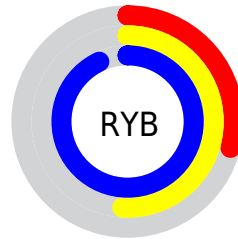
# Distribution



Red (29%)

Green (63%)

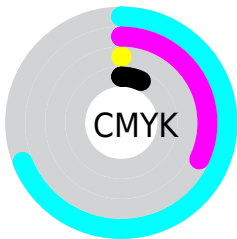
Blue (93%)



Red (29%)

Yellow (51%)

Blue (93%)

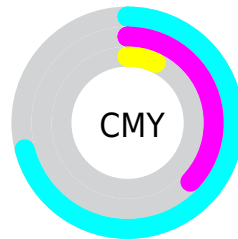


Cyan (69%)

Magenta (32%)

Yellow (0%)

Black (7%)



Cyan (71%)

Magenta (37%)

Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 143.3520, 46.1685, -61.6987 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 143.3520, 46.1685, -61.6987 by changing the saturation by 10% instead.



■ 143.3520, 46.1685,  
-61.6987

■ 143.3520, 46.1685,  
-61.6987

255.0000, 0.0000,  
0.0000

■ 111.4430, 48.0956,  
-73.1795

■ 197.1240, 28.5329,  
-51.8517

■ 85.2040, 47.2274,  
-74.7239

■ 222.8290, 15.8603,  
-47.2080

■ 68.0380, 42.3793,  
-59.6693

■ 238.2560, 8.2548,  
-34.4275

■ 51.4590, 37.2417,  
-45.1295

■ 247.5250, 3.6852,  
-15.3694

■ 36.2820, 32.3990,  
-31.8193

■ 21.6920, 27.2668,  
-19.0239

■ 9.0910, 22.1401,

-7.9728

■ 4.8220, 13.3988,  
-4.2289

■ 0.3420, 1.3104,  
-0.2999

■ 143.3520, 46.1685,  
-61.6987

■ 143.3520, 46.1685,  
-61.6987

■ 129.7190, 52.8895,  
-70.7906

■ 156.9850, 39.4474,  
-52.6068

■ 116.3850, 59.4632,  
-79.2676

■ 170.3190, 32.8737,  
-44.1298

■ 102.7520, 66.1843,  
-88.3595

■ 183.9520, 26.1527,  
-35.0379

■ 101.5670, 66.7685,  
-89.0743

■ 197.5850, 19.4316,  
-25.9460

■ 211.2180, 12.7105,  
-16.8542

■ 224.5520, 6.1369,  
-8.3771

■ 238.1850, -0.5842,  
0.7148

■ 249.4260, -6.1260,  
4.8884

■ 252.9480, -7.8624,  
1.7996

# Harmonies

## Analogous

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



125.9130, 48.3569, -110.4257



143.3520, 46.1685, -61.6987



157.4410, 34.7856, -3.8948

# Triad

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



143.3520, 46.1685, -61.6987



156.4230, -17.9565, 66.2810



141.0120, -15.2889, -42.9835

# Complementary

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



143.3520, 46.1685, -61.6987



166.6480, -46.1685, 61.6987

# 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.



147.8460, -33.4481, -5.1269



143.3520, 46.1685, -61.6987



154.7360, -32.9008, 52.8515

# Square

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



143.3520, 46.1685, -61.6987



158.4390, 1.2626, 61.8820



152.1490, -39.5135, 27.0563



120.4120, 14.5869, -105.6013



# Rectangle

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



143.3520, 46.1685, -61.6987



160.5110, 25.3841, 24.9849



152.1490, -39.5135, 27.0563



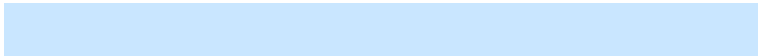
143.8520, -22.6050, -29.6882

# Sweetspot

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



143.3520, 46.1685, -61.6987



224.1790, 15.1948, -20.3280



177.7040, -15.1371, -91.8254



109.6270, 9.0579, -11.9509



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.



143.3520, 46.1685, -61.6987



134.0860, 59.6106, -79.8824



96.3920, 69.3197, -20.5148



110.7760, 3.0684, -4.1886



77.5730, 50.9895, -68.0315



23.1790, 15.1948, -20.3280



# Inverse Universe

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



132.0680, 14.2635, 92.0254



119.3840, 18.5447, 118.9352



213.6080, -69.3197, 20.5148



109.9730, 0.9993, 6.1627



65.1770, 15.6887, 101.5768

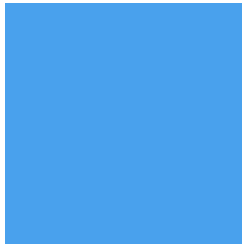


19.4520, 4.7072, 30.2986



# Previews

## White Background



This preview shows how the YUV color 143.3520, 46.1685, -61.6987 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

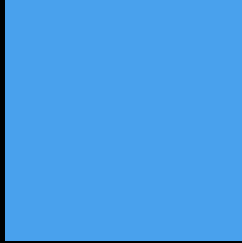
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 143.3520, 46.1685, -61.6987 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

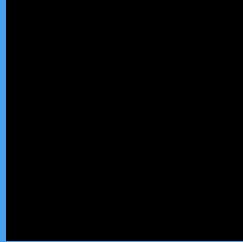
Any Text WCAG AA ✓ Pass

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 143.3520, 46.1685, -61.6987 Background



This preview shows how black text looks on a background with the YUV color 143.3520, 46.1685, -61.6987.



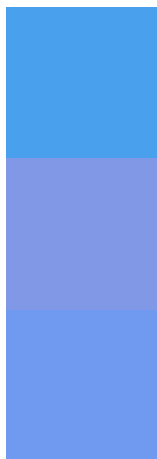
This preview shows how white text looks on a background with the YUV color 143.3520, 46.1685, -61.6987.



# 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

143.3520, 46.1685, -61.6987

### Protanopia

153.6020, 37.1712, -22.4530

### Deuteranopia

151.1320, 43.3189, -34.3188



## Tritanopia

131.6330, 26.3099, -85.6241

# Trichromacy



## Original Color

143.3520, 46.1685, -61.6987

## Protanomaly

149.7250, 40.5616, -36.5928

## Deuteranomaly

148.5930, 44.0777, -44.3701

## Tritanomaly

135.6370, 33.7030, -76.8576

# Monochromacy



## Original Color

143.3520, 46.1685, -61.6987

## Achromatopsia

143.0000, 0.0000, 0.0000

## Achromatomaly

143.5100, 16.5106, -22.3723

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 143.3520, 46.1685, -61.6987 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(73, 161, 237)` looks like.

```
.text, #text, p{  
    color:rgb(73, 161, 237)  
}
```

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(73, 161, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 161, 237) }
```

## Border

The CSS property to change the border of an element to YUV 143.3520, 46.1685, -61.6987 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(73, 161, 237) }
```



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

```
.border{ border-color:rgb(73, 161, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 161, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 161, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 161, 237);  
box-shadow:4px 4px 4px 4px rgb(73, 161,  
237) }
```

# Background

The CSS property to change the background color of an element to YUV 143.3520, 46.1685, -61.6987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 161, 237) }
```

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

```
.background{ background-color: rgb(73, 161,  
237) }
```

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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