

Converting Colors

YUV(164.6740, 41.0797,
-62.8581)

Have a look what the booklet for
YUV(164.6740, 41.0797, -62.8581)
contains.

YUV(164.6740, 41.0797, -62.8581)	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(164.6740, 41.0797,
-62.8581)**

Conversions

Conversions Part 1

Format	Color
Hex	5DB9F8
RGB	93, 185, 248
RGB Percent	36%, 73%, 97%
CMY	0.6353, 0.2745, 0.0275
CMYK	0.62, 0.25, 0.00, 0.03
HSL	204°, 92%, 67%
HSV	204°, 63%, 97%
XYZ	38.8064, 43.8024, 95.2163
YIQ	164.6740, -75.0550, 0.0890

Conversions

Conversions Part 2

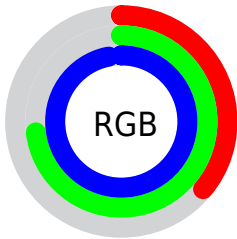
Format	Color
R_{YB}	93, 151, 248
Decimal	6142456
CIE _{Lab}	72.10, -8.80, -39.37
CIE _{LCh}	72, 40.336, 257.406
Yxy	43.8024, 0.2182, 0.2463
Android (android.graphics.Color)	4284332536 (0xFF5DB9F8)
YUV	164.6740, 41.0797, -62.8581
Hunter-Lab	66.1834, -11.1579, -38.9706

Details

The YUV color **164.6740, 41.0797, -62.8581** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted azure. A complement of this color would be **176.3260, -41.0797, 62.8581**, and the grayscale version is **164.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **216.8820, 18.7922, -54.2705**, and **99.2580, 45.2288, -87.0493** is the 20% darker color. If you saturate the color by 10%, you get **151.3290, 47.6588, -73.0795**, and if you desaturate by 10%, it is **178.0190, 34.5006, -52.6367**.

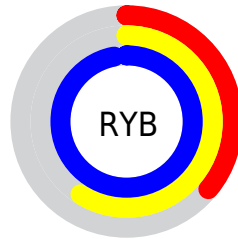
Distribution



Red (36%)

Green (73%)

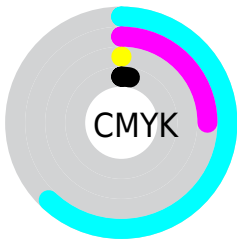
Blue (97%)



Red (36%)

Yellow (59%)

Blue (97%)

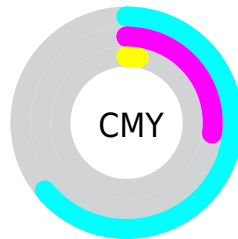


Cyan (62%)

Magenta (25%)

Yellow (0%)

Black (3%)



Cyan (64%)

Magenta (27%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YUV color 164.6740, 41.0797, -62.8581 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 164.6740, 41.0797, -62.8581 by changing the saturation by 10% instead.

■ 164.6740, 41.0797,
-62.8581

■ 164.6740, 41.0797,
-62.8581

■ 255.0000, 0.0000,
0.0000

■ 134.7550, 41.5328,
-68.1911

■ 216.8820, 18.7922,
-54.2705

■ 99.2580, 45.2288,
-87.0493

■ 234.3690, 10.1711,
-42.4196

■ 81.5050, 40.6700,
-71.4799

■ 243.3390, 5.7489,
-23.9763

■ 64.3390, 35.8219,
-56.4253

■ 252.6080, 1.1793,
-4.9182

■ 47.9880, 31.5579,
-42.0855

■ 32.8110, 26.7152,
-28.7752

■ 18.3350, 22.0198,

-16.0798

■ 6.4350, 17.0405,
-5.6435

■ 2.7530, 8.0098,
-2.4144

■ 164.6740, 41.0797,
-62.8581

■ 164.6740, 41.0797,
-62.8581

■ 151.3290, 47.6588,
-73.0795

■ 178.0190, 34.5006,
-52.6367

■ 137.9840, 54.2379,
-83.3010

■ 191.3640, 27.9215,
-42.4152

■ 124.9380, 60.6696,
-92.9076

■ 204.4100, 21.4899,
-32.8086

■ 114.5610, 65.7854,
-100.4700

■ 217.7550, 14.9108,
-22.5871

■ 231.1000, 8.3317,
-12.3657

■ 244.4450, 1.7526,
-2.1443

■ 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.



139.5110, 44.6111, -122.3511



164.6740, 41.0797, -62.8581



176.9510, 34.5342, -16.6200

Triad

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



164.6740, 41.0797, -62.8581



179.2250, -10.9569, 61.1927



167.1560, -20.2899, -25.5698

Complementary

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



164.6740, 41.0797, -62.8581



176.3260, -41.0797, 62.8581

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.



171.7380, -32.9018, 6.3688



164.6740, 41.0797, -62.8581



177.7560, -26.5017, 53.7110

Square

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



164.6740, 41.0797, -62.8581



181.3280, 6.2473, 49.7013



175.1590, -34.5884, 34.0636



159.2020, -0.0996, -61.5672

Rectangle

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



164.6740, 41.0797, -62.8581



180.7650, 26.7379, 10.7301



175.1590, -34.5884, 34.0636



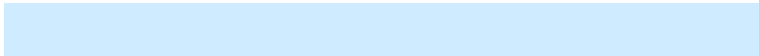
169.1420, -25.7060, -15.0335

Sweetspot

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



164.6740, 41.0797, -62.8581



228.9080, 12.8634, -19.2133



191.0530, -17.7741, -85.9925



111.9860, 7.8949, -12.2657



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.



164.6740, 41.0797, -62.8581



152.1050, 50.7272, -77.2681



119.4750, 63.3628, -23.2186



118.1780, 3.3632, -5.4181



87.2900, 50.1430, -76.5533



28.0860, 16.2266, -24.6314

Inverse Universe

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



149.8330, 17.3373, 86.0925



133.9910, 21.2034, 106.1249



220.9380, -63.0734, 23.7334



116.7990, 1.5781, 7.1923



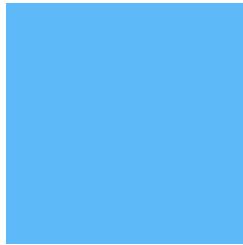
69.2790, 21.0615, 104.9953



22.3430, 6.7329, 33.9022

Previews

White Background



This preview shows how the YUV color 164.6740, 41.0797, -62.8581 looks on a white background.

Color Contrast Check

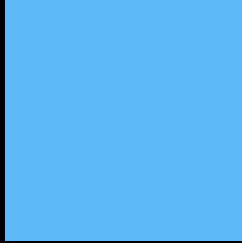
Large Text (above 18pt) WCAG AA × Fail

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 164.6740, 41.0797, -62.8581 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

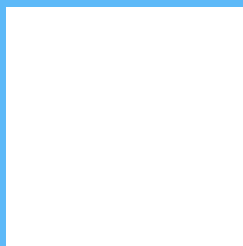
Any Text WCAG AAA ✓ Pass

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

YUV 164.6740, 41.0797, -62.8581 Background



This preview shows how black text looks on a background with the YUV color 164.6740, 41.0797, -62.8581.



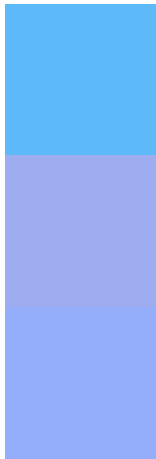
This preview shows how white text looks on a background with the YUV color 164.6740, 41.0797, -62.8581.

-62.8581.

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

164.6740, 41.0797, -62.8581

Protanopia

175.7400, 31.1872, -16.4350

Deuteranopia

175.0040, 37.4660, -23.6825



Tritanopia

158.2430, 24.5302, -74.7581

Trichromacy



Original Color

164.6740, 41.0797, -62.8581

Protanomaly

171.5530, 34.7304, -32.9340

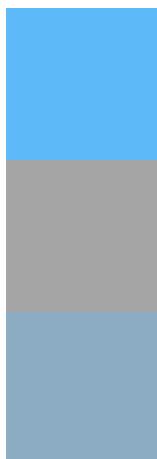
Deuteranomaly

171.2580, 38.8198, -37.9373

Tritanomaly

160.2850, 30.9185, -70.4099

Monochromacy



Original Color

164.6740, 41.0797, -62.8581

Achromatopsia

165.0000, 0.0000, 0.0000

Achromatomaly

164.7550, 14.9108, -22.5871

CSS Examples

Text

The CSS property to change the color of the text to YUV 164.6740, 41.0797, -62.8581 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(93, 185, 248)` looks like.

```
.text, #text, p{  
    color:rgb(93, 185, 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(93, 185, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 185, 248) }
```

Border

The CSS property to change the border of an element to YUV 164.6740, 41.0797, -62.8581 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(93, 185, 248) }
```


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

```
.border{ border-color:rgb(93, 185, 248) }
```

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

Here you see how a box with a 4 pixel rgb(93, 185, 248) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 185, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 185, 248);  
box-shadow:4px 4px 4px 4px rgb(93, 185,  
248) }
```

Background

The CSS property to change the background color of an element to YUV 164.6740, 41.0797, -62.8581 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 185, 248) }
```

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

```
.background{ background-color: rgb(93, 185,  
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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