

Converting Colors

YUV(161.4740, 24.4163,
-38.1267)

Have a look what the booklet for
YUV(161.4740, 24.4163, -38.1267)
contains.

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Color

**YUV(161.4740, 24.4163,
-38.1267)**

Conversions

Conversions Part 1

Format	Color
Hex	76AED3
RGB	118, 174, 211
RGB Percent	46%, 68%, 83%
CMY	0.5373, 0.3176, 0.1725
CMYK	0.44, 0.18, 0.00, 0.17
HSL	204°, 51%, 65%
HSV	204°, 44%, 83%
XYZ	34.3651, 38.8268, 67.3111
YIQ	161.4740, -45.2530, -0.3650

Conversions

Conversions Part 2

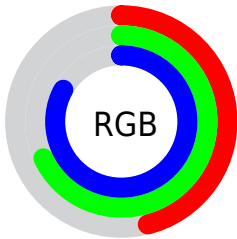
Format	Color
R _Y B	118, 153, 211
Decimal	7778003
CIE Lab	68.63, -8.56, -24.47
CIE LCh	69, 25.924, 250.711
Yxy	38.8268, 0.2446, 0.2763
Android (android.graphics.Color)	4285968083 (0xFF76AED3)
YUV	161.4740, 24.4163, -38.1267
Hunter-Lab	62.3112, -10.6002, -20.4297

Details

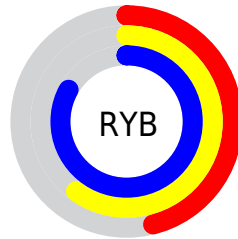
The YUV color **161.4740, 24.4163, -38.1267** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **167.5260, -24.4163, 38.1267**, and the grayscale version is **161.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **215.5190, 19.4641, -36.4122**, and **107.9360, 23.6956, -40.2859** is the 20% darker color. If you saturate the color by 10%, you get **150.4990, 29.8270, -46.9186**, and if you desaturate by 10%, it is **172.4490, 19.0056, -29.3348**.

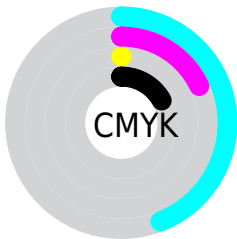
Distribution



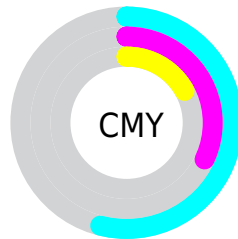
- Red (46%)
- Green (68%)
- Blue (83%)



- Red (46%)
- Yellow (60%)
- Blue (83%)



- Cyan (44%)
- Magenta (18%)
- Yellow (0%)
- Black (17%)



- Cyan (54%)
- Magenta (32%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YUV color 161.4740, 24.4163, -38.1267 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 161.4740, 24.4163, -38.1267 by changing the saturation by 10% instead.

■ 161.4740, 24.4163,
-38.1267

■ 161.4740, 24.4163,
-38.1267

■ 255.0000, 0.0000,
0.0000

■ 134.0610, 24.1269,
-38.6415

■ 215.5190, 19.4641,
-36.4122

■ 107.9360, 23.6956,
-40.2859

■ 239.1530, 7.8126,
-32.5832

■ 81.0280, 24.1432,
-43.8746

■ 248.1230, 3.3904,
-14.1399

■ 54.8210, 24.7382,
-48.0780

■ 39.1710, 20.6217,
-34.3530

■ 24.1080, 16.2158,
-21.1427

■ 5.2780, 15.1459,

-4.6288

■ 1.3680, 5.2416,
-1.1997

■ 0.0000, 0.0000,
0.0000

■ 161.4740, 24.4163,
-38.1267

■ 161.4740, 24.4163,
-38.1267

■ 150.4990, 29.8270,
-46.9186

■ 172.4490, 19.0056,
-29.3348

■ 138.9370, 35.5271,
-55.1957

■ 184.0110, 13.3056,
-21.0576

■ 127.9620, 40.9377,
-63.9877

■ 194.9860, 7.8949,
-12.2657

■ 116.4000, 46.6378,
-72.2648

■ 206.5480, 2.1948,
-3.9886

■ 105.4250, 52.0485,
-81.0567

■ 217.8220, -3.3632,
5.4181

■ 98.6030, 55.4117,
-86.4748

■ 228.7970, -8.7739,
14.2100

■ 237.0700,
-12.8525, 15.7246

■ 241.7660,
-15.1676, 11.6062

■ 247.0490,
-17.7722, 6.9730

Harmonies

Analogous

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



156.8330, 19.8023, -51.5965



161.4740, 24.4163, -38.1267



167.1610, 22.5986, -15.0502

Triad

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



161.4740, 24.4163, -38.1267



170.5750, -5.2135, 38.9607



162.5090, -15.5339, -10.9704

Complementary

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



161.4740, 24.4163, -38.1267



167.5260, -24.4163, 38.1267

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.



165.6210, -21.9982, 9.1024



161.4740, 24.4163, -38.1267



169.5180, -15.5384, 37.2567

Square

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



161.4740, 24.4163, -38.1267



171.0820, 5.8756, 28.8691



167.8450, -21.6156, 26.4459



159.0640, -3.9756, -31.6281

Rectangle

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



161.4740, 24.4163, -38.1267



169.6470, 18.9080, 2.0636



167.8450, -21.6156, 26.4459



163.5700, -18.0290, -4.0079

Sweetspot

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



161.4740, 24.4163, -38.1267



237.5020, 8.6265, -13.5953



176.6950, -11.1886, -51.4755



116.4380, 5.7001, -8.2771



0.0000, 0.0000, 0.0000



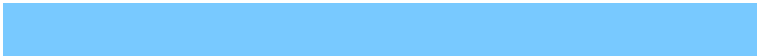
128.0000, 0.0000, 0.0000

Same Dimension

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



161.4740, 24.4163, -38.1267



182.9370, 35.5271, -55.1957



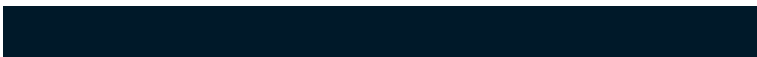
135.0590, 37.4389, -14.9607



98.7760, 3.0684, -4.1886



78.4390, 44.1536, -68.7910



19.3490, 10.6739, -16.9691

Inverse Universe

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



152.1910, 10.7518, 51.5755



169.5990, 15.4807, 74.8967



193.9410, -37.4389, 14.9607



97.9730, 0.9993, 6.1627



61.7460, 19.3522, 93.1848



15.1090, 4.8763, 22.7064

Previews

White Background



This preview shows how the YUV color 161.4740, 24.4163, -38.1267 looks on a white background.

Color Contrast Check

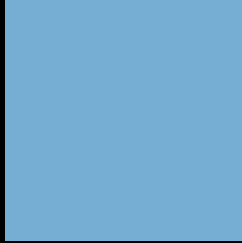
Large Text (above 18pt) WCAG AA × Fail

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 161.4740, 24.4163, -38.1267 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 161.4740, 24.4163, -38.1267

Background



This preview shows how black text looks on a background with the YUV color 161.4740, 24.4163, -38.1267.



This preview shows how white text looks on a background with the YUV color 161.4740, 24.4163, -38.1267.

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

161.4740, 24.4163, -38.1267

Protanopia

167.4670, 18.5038, -8.3026

Deuteranopia

167.7920, 22.2875, -8.5876



Tritanopia

159.2750, 16.1334, -41.4602

Trichromacy



Original Color

161.4740, 24.4163, -38.1267

Protanomaly

164.9710, 20.7203, -19.2686

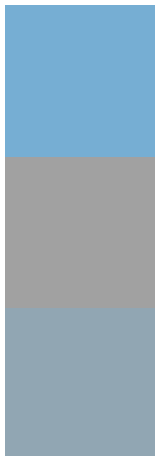
Deuteranomaly

165.5410, 22.9043, -19.7685

Tritanomaly

160.0840, 19.1856, -40.4157

Monochromacy



Original Color

161.4740, 24.4163, -38.1267

Achromatopsia

161.0000, 0.0000, 0.0000

Achromatomaly

161.2030, 8.7739, -14.2100

CSS Examples

Text

The CSS property to change the color of the text to YUV 161.4740, 24.4163, -38.1267 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(118, 174, 211)` looks like.

```
.text, #text, p{  
    color:rgb(118, 174, 211)  
}
```

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(118, 174, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 174, 211) }
```

Border

The CSS property to change the border of an element to YUV 161.4740, 24.4163, -38.1267 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(118, 174, 211) }
```


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

```
.border{ border-color:rgb(118, 174, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 174, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 174, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 174, 211);  
box-shadow:4px 4px 4px 4px rgb(118, 174,  
211) }
```

Background

The CSS property to change the background color of an element to YUV 161.4740, 24.4163, -38.1267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 174, 211) }
```

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

```
.background{ background-color: rgb(118,  
174, 211) }
```

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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