

Converting Colors

YUV(161.6140, 28.7843,
-39.1265)

Have a look what the booklet for
YUV(161.6140, 28.7843, -39.1265)
contains.

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Color

**YUV(161.6140, 28.7843,
-39.1265)**

Conversions

Conversions Part 1

Format	Color
Hex	75ADDC
RGB	117, 173, 220
RGB Percent	46%, 68%, 86%
CMY	0.5412, 0.3216, 0.1373
CMYK	0.47, 0.21, 0.00, 0.14
HSL	207°, 60%, 66%
HSV	207°, 47%, 86%
XYZ	35.1980, 38.8364, 73.3512
YIQ	161.6140, -48.4630, 2.7450

Conversions

Conversions Part 2

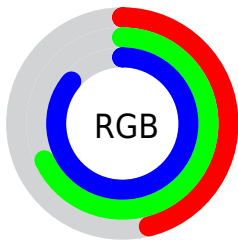
Format	Color
R _Y B	117, 153, 220
Decimal	7712220
CIE Lab	68.63, -5.74, -29.41
CIE LCh	69, 29.962, 258.958
Yxy	38.8364, 0.2388, 0.2635
Android (android.graphics.Color)	4285902300 (0xFF75ADDC)
YUV	161.6140, 28.7843, -39.1265
Hunter-Lab	62.3188, -8.2403, -26.1630

Details

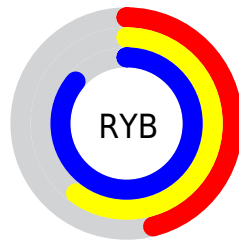
The YUV color **161.6140, 28.7843, -39.1265** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **175.3860, -28.7843, 39.1265**, and the grayscale version is **161.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **214.6330, 19.9009, -36.5121**, and **107.7770, 28.2109, -41.9004** is the 20% darker color. If you saturate the color by 10%, you get **149.1660, 34.9212, -47.5036**, and if you desaturate by 10%, it is **174.0620, 22.6474, -30.7494**.

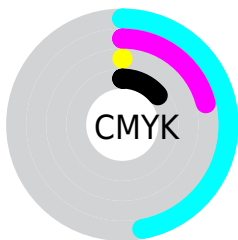
Distribution



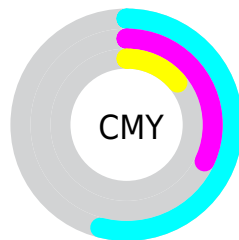
- Red (46%)
- Green (68%)
- Blue (86%)



- Red (46%)
- Yellow (60%)
- Blue (86%)



- Cyan (47%)
- Magenta (21%)
- Yellow (0%)
- Black (14%)



- Cyan (54%)
- Magenta (32%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YUV color 161.6140, 28.7843, -39.1265 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 161.6140, 28.7843, -39.1265 by changing the saturation by 10% instead.

■ 161.6140, 28.7843,
-39.1265

■ 161.6140, 28.7843,
-39.1265

255.0000, 0.0000,
0.0000

■ 134.2010, 28.4949,
-39.6413

■ 214.6330, 19.9009,
-36.5121

■ 107.7770, 28.2109,
-41.9004

■ 239.1530, 7.8126,
-32.5832

■ 79.8580, 28.6640,
-47.2335

■ 248.1230, 3.3904,
-14.1399

■ 55.7330, 28.2326,
-48.8778

■ 39.3820, 23.9687,
-34.5380

■ 24.3190, 19.5627,
-21.3278

■ 6.5490, 17.4773,

-5.7435

■ 2.9810, 8.8834,
-2.6143

■ 0.0000, 0.0000,
0.0000

■ 161.6140, 28.7843,
-39.1265

■ 161.6140, 28.7843,
-39.1265

■ 149.1660, 34.9212,
-47.5036

■ 174.0620, 22.6474,
-30.7494

■ 136.7180, 41.0580,
-55.8807

■ 186.5100, 16.5106,
-22.3723

■ 124.2700, 47.1949,
-64.2578

■ 198.9580, 10.3737,
-13.9952

■ 111.8220, 53.3318,
-72.6349

■ 211.4060, 4.2368,
-5.6181

■ 99.3740, 59.4686,
-81.0120

■ 223.8540, -1.9000,
2.7590

■ 95.5200, 61.3686,
-83.7710

■ 236.3020, -8.0369,
11.1361

■ 243.9660,
-11.8152, 9.6768

■ 249.8360,
-14.7091, 4.5288

■ 251.0100,
-15.2879, 3.4992

Harmonies

Analogous

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



154.0860, 26.0866, -60.5884



161.6140, 28.7843, -39.1265



168.0630, 24.6189, -9.7023

Triad

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



161.6140, 28.7843, -39.1265



170.4680, -9.5977, 45.1936



160.6820, -14.6332, -19.8921

Complementary

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



161.6140, 28.7843, -39.1265



175.3860, -28.7843, 39.1265

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.



164.1320, -23.7291, 4.2692



161.6140, 28.7843, -39.1265



168.6880, -20.0592, 40.6156

Square

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



161.6140, 28.7843, -39.1265



171.2680, 3.8119, 37.4760



166.8080, -25.5413, 25.6014



156.6110, -0.3012, -43.5088

Rectangle

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



161.6140, 28.7843, -39.1265



171.1040, 19.1757, 9.5558



166.8080, -25.5413, 25.6014



161.8140, -18.1493, -12.1149

Sweetspot

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



161.6140, 28.7843, -39.1265



234.8440, 9.9369, -13.8952



182.7050, -9.7146, -57.6233



115.5520, 6.1369, -8.3771



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.



161.6140, 28.7843, -39.1265



174.0880, 39.8896, -54.4512



131.6770, 43.5432, -12.8717



103.7760, 3.0684, -4.1886



74.9000, 48.3633, -65.6873



19.9190, 12.8579, -17.4690

Inverse Universe

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



154.1810, 9.2778, 57.7233



163.6490, 12.9910, 80.1148



205.3230, -43.5432, 12.8717



102.9730, 0.9993, 6.1627



62.4430, 15.5576, 96.9585



16.6040, 4.1392, 25.7803

Previews

White Background



This preview shows how the YUV color 161.6140, 28.7843, -39.1265 looks on a white background.

Color Contrast Check

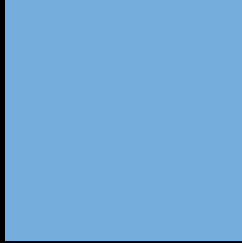
Large Text (above 18pt) WCAG AA × Fail

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 161.6140, 28.7843, -39.1265 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

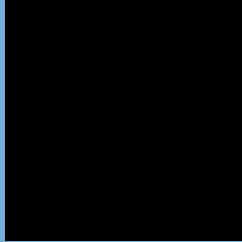
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 161.6140, 28.7843, -39.1265

Background



This preview shows how black text looks on a background with the YUV color 161.6140, 28.7843, -39.1265.



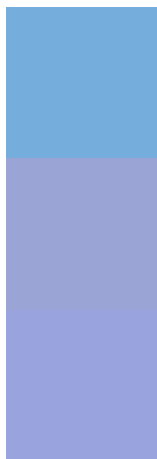
This preview shows how white text looks on a background with the YUV color 161.6140, 28.7843, -39.1265.

-39.1265.

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

161.6140, 28.7843, -39.1265

Protanopia

167.2970, 23.0246, -11.6615

Deuteranopia

167.3230, 26.9558, -12.5613



Tritanopia

158.9650, 16.2863, -43.8193

Trichromacy



Original Color

161.6140, 28.7843, -39.1265

Protanomaly

165.3990, 24.9463, -21.3979

Deuteranomaly

165.0830, 27.5671, -21.9978

Tritanomaly

159.8280, 20.7908, -41.9452

Monochromacy



Original Color

161.6140, 28.7843, -39.1265

Achromatopsia

162.0000, 0.0000, 0.0000

Achromatomaly

161.9580, 10.3737, -13.9952

CSS Examples

Text

The CSS property to change the color of the text to YUV 161.6140, 28.7843, -39.1265 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(117, 173, 220)` looks like.

```
.text, #text, p{  
    color:rgb(117, 173, 220)  
}
```

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(117, 173, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 173, 220) }
```

Border

The CSS property to change the border of an element to YUV 161.6140, 28.7843, -39.1265 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(117, 173, 220) }
```


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

```
.border{ border-color:rgb(117, 173, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 173, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 173, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 173, 220);  
box-shadow:4px 4px 4px 4px rgb(117, 173,  
220) }
```

Background

The CSS property to change the background color of an element to YUV 161.6140, 28.7843, -39.1265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 173, 220) }
```

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

```
.background{ background-color: rgb(117,  
173, 220) }
```

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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