

Converting Colors

YUV(161.1020, 31.9947,
-42.1855)

Have a look what the booklet for
YUV(161.1020, 31.9947, -42.1855)
contains.

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Color

**YUV(161.1020, 31.9947,
-42.1855)**

Conversions

Conversions Part 1

Format	Color
Hex	71ADE2
RGB	113, 173, 226
RGB Percent	44%, 68%, 89%
CMY	0.5569, 0.3216, 0.1137
CMYK	0.50, 0.23, 0.00, 0.11
HSL	208°, 66%, 66%
HSV	208°, 50%, 89%
XYZ	35.4811, 38.8888, 77.5877
YIQ	161.1020, -52.7730, 3.7630

Conversions

Conversions Part 2

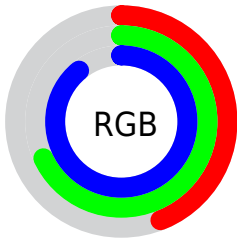
Format	Color
RYB	113, 152, 226
Decimal	7450082
CIELab	68.67, -4.94, -32.65
CIELCh	69, 33.026, 261.392
Yxy	38.8888, 0.2335, 0.2559
Android (android.graphics.Color)	4285640162 (0xFF71ADE2)
YUV	161.1020, 31.9947, -42.1855
Hunter-Lab	62.3609, -7.5716, -30.1144

Details

The YUV color **161.1020, 31.9947, -42.1855** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **177.8980, -31.9947, 42.1855**, and the grayscale version is **161.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.7360, 20.3432, -38.3565**, and **106.2540, 31.4268, -46.7038** is the 20% darker color. If you saturate the color by 10%, you get **147.7680, 38.5684, -50.6625**, and if you desaturate by 10%, it is **174.4360, 25.4211, -33.7084**.

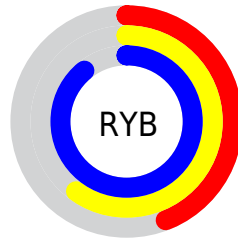
Distribution



Red (44%)

Green (68%)

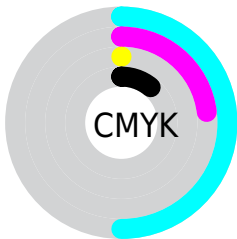
Blue (89%)



Red (44%)

Yellow (60%)

Blue (89%)

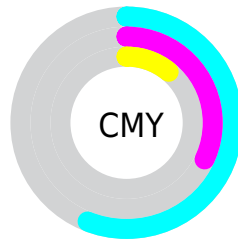


Cyan (50%)

Magenta (23%)

Yellow (0%)

Black (11%)



Cyan (56%)

Magenta (32%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 161.1020, 31.9947, -42.1855 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 161.1020, 31.9947, -42.1855 by changing the saturation by 10% instead.

■ 161.1020, 31.9947,
-42.1855

■ 161.1020, 31.9947,
-42.1855

255.0000, 0.0000,
0.0000

■ 133.3900, 31.8527,
-43.3150

■ 213.7360, 20.3432,
-38.3565

■ 106.2540, 31.4268,
-46.7038

■ 238.2560, 8.2548,
-34.4275

■ 75.7580, 33.6433,
-57.6698

■ 247.2260, 3.8326,
-15.9842

■ 56.3030, 30.4166,
-49.3777

■ 39.9520, 26.1527,
-35.0379

■ 25.4760, 21.4573,
-22.3425

■ 7.7060, 19.3719,

-6.7582

■ 3.4370, 10.6306,
-3.0142

■ 0.0000, 0.0000,
0.0000

■ 161.1020, 31.9947,
-42.1855

■ 161.1020, 31.9947,
-42.1855

■ 147.7680, 38.5684,
-50.6625

■ 174.4360, 25.4211,
-33.7084

■ 135.3200, 44.7052,
-59.0396

■ 186.8840, 19.2842,
-25.3313

■ 121.9860, 51.2789,
-67.5167

■ 200.2180, 12.7105,
-16.8542

■ 109.5380, 57.4158,
-75.8938

■ 212.6660, 6.5737,
-8.4771

■ 96.2040, 63.9894,
-84.3709

■ 226.0000, 0.0000,
0.0000

■ 239.3340, -6.5737,
8.4771

■ 246.9980,
-10.3520, 7.0178

■ 251.6940,
-12.6671, 2.8994

Harmonies

Analogous

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



151.4700, 30.3343, -69.6952



161.1020, 31.9947, -42.1855



168.6440, 26.7975, -8.4578

Triad

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



161.1020, 31.9947, -42.1855



170.3330, -11.5032, 49.6970



159.2470, -14.9118, -23.8956

Complementary

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



161.1020, 31.9947, -42.1855



177.8980, -31.9947, 42.1855

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.



163.2520, -25.7602, 2.4100



161.1020, 31.9947, -42.1855



168.6020, -22.9748, 42.4450

Square

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



161.1020, 31.9947, -42.1855



171.6600, 2.6326, 42.3942



166.7110, -28.4515, 25.6865



154.1370, 1.9045, -50.9861

Rectangle

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



161.1020, 31.9947, -42.1855



171.3540, 20.0385, 12.8445



166.7110, -28.4515, 25.6865



160.5640, -19.0121, -15.4036

Sweetspot

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



161.1020, 31.9947, -42.1855



233.0720, 10.8105, -14.0951



185.3730, -9.5509, -63.4711



114.6660, 6.5737, -8.4771



0.0000, 0.0000, 0.0000



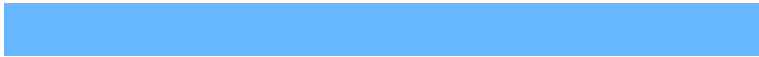
128.0000, 0.0000, 0.0000

Same Dimension

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



161.1020, 31.9947, -42.1855



166.9890, 43.3894, -56.9954



128.2300, 48.2006, -13.3567



105.7760, 3.0684, -4.1886



74.6550, 49.9631, -65.4724



20.7340, 13.4421, -18.1837

Inverse Universe

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



153.6270, 9.5509, 63.4711



156.9810, 12.8274, 85.9627



210.7700, -48.2006, 13.3567



104.9730, 0.9993, 6.1627



63.2260, 14.6786, 98.9028



17.3160, 4.2812, 26.9099

Previews

White Background



This preview shows how the YUV color 161.1020, 31.9947, -42.1855 looks on a white background.

Color Contrast Check

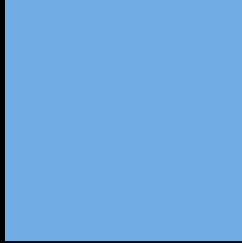
Large Text (above 18pt) WCAG AA × Fail

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 161.1020, 31.9947, -42.1855 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

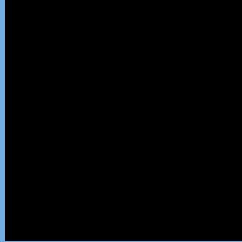
Any Text WCAG AA ✓ Pass

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 161.1020, 31.9947, -42.1855 Background



This preview shows how black text looks on a background with the YUV color 161.1020, 31.9947, -42.1855.



This preview shows how white text looks on a background with the YUV color 161.1020, 31.9947, -42.1855.

-42.1855.

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

161.1020, 31.9947, -42.1855

Protanopia

167.3830, 25.9402, -13.4909

Deuteranopia

167.0990, 30.0242, -16.7498



Tritanopia

157.5730, 17.4655, -48.7375

Trichromacy



Original Color

161.1020, 31.9947, -42.1855

Protanomaly

165.1860, 28.0093, -23.8421

Deuteranomaly

164.8590, 30.6355, -26.1863

Tritanomaly

158.9630, 22.6962, -46.4486

Monochromacy



Original Color

161.1020, 31.9947, -42.1855

Achromatopsia

161.0000, 0.0000, 0.0000

Achromatomaly

161.0010, 11.8315, -14.9099

CSS Examples

Text

The CSS property to change the color of the text to YUV 161.1020, 31.9947, -42.1855 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(113, 173, 226)` looks like.

```
.text, #text, p{  
    color:rgb(113, 173, 226)  
}
```

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(113, 173, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 173, 226) }
```

Border

The CSS property to change the border of an element to YUV 161.1020, 31.9947, -42.1855 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(113, 173, 226) }
```


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

```
.border{ border-color:rgb(113, 173, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 173, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 173, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 173, 226);  
box-shadow:4px 4px 4px 4px rgb(113, 173,  
226) }
```

Background

The CSS property to change the background color of an element to YUV 161.1020, 31.9947, -42.1855 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 173, 226) }
```

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

```
.background{ background-color: rgb(113,  
173, 226) }
```

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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