

Converting Colors

YUV(184.2160, -11.4455,
-62.4564)

Have a look what the booklet for
YUV(184.2160, -11.4455, -62.4564)
contains.

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Color

**YUV(184.2160, -11.4455,
-62.4564)**

Conversions

Conversions Part 1

Format	Color
Hex	71E1A1
RGB	113, 225, 161
RGB Percent	44%, 88%, 63%
CMY	0.5569, 0.1176, 0.3686
CMYK	0.50, 0.00, 0.28, 0.12
HSL	146°, 65%, 66%
HSV	146°, 50%, 88%
XYZ	40.1683, 59.9343, 43.1696
YIQ	184.2160, -46.2080, -43.6480

Conversions

Conversions Part 2

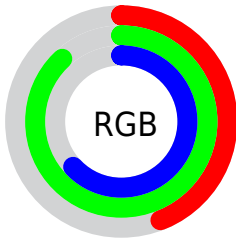
Format	Color
RYB	113, 191, 225
Decimal	7463329
CIELab	81.80, -46.34, 21.70
CIElCh	82, 51.171, 154.911
Yxy	59.9343, 0.2804, 0.4183
Android (android.graphics.Color)	4285653409 (0xFF71E1A1)
YUV	184.2160, -11.4455, -62.4564
Hunter-Lab	77.4173, -42.8647, 21.1307

Details

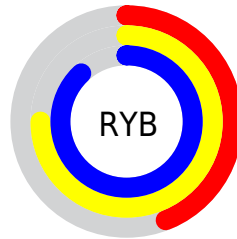
The YUV color **184.2160, -11.4455, -62.4564** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **153.7840, 11.4455, 62.4564**, and the grayscale version is **184.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **225.4380, -4.6529, -47.7421**, and **127.1770, -8.9613, -65.9302** is the 20% darker color. If you saturate the color by 10%, you get **176.1560, -13.8809, -74.6818**, and if you desaturate by 10%, it is **192.5750, -9.1575, -49.6163**.

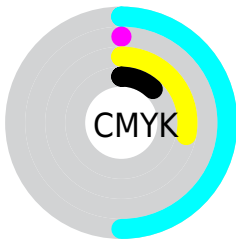
Distribution



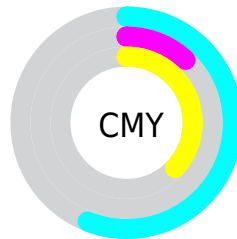
- Red (44%)
- Green (88%)
- Blue (63%)



- Red (44%)
- Yellow (75%)
- Blue (88%)



- Cyan (50%)
- Magenta (0%)
- Yellow (28%)
- Black (12%)



- Cyan (56%)
- Magenta (12%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YUV color 184.2160, -11.4455, -62.4564 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 184.2160, -11.4455, -62.4564 by changing the saturation by 10% instead.

■ 184.2160,
-11.4455, -62.4564

■ 184.2160,
-11.4455, -62.4564

255.0000, 0.0000,
0.0000

■ 156.1450,
-10.4245, -63.2712

■ 225.4380, -4.6529,
-47.7421

■ 127.1770, -8.9613,
-65.9302

■ 237.4150, 3.7394,
-32.8130

■ 93.8270, -4.8447,
-79.6553

■ 247.2260, 3.8326,
-15.9842

■ 75.0460, -6.9247,
-65.8153

■ 57.1620, -9.4469,
-50.1311

■ 40.6800, -11.6742,
-35.6764

■ 25.8280, -12.7332,

-22.6512

■ 7.0440, -3.4727,
-6.1776

■ 0.0000, 0.0000,
0.0000

■ 184.2160,
-11.4455, -62.4564

■ 184.2160,
-11.4455, -62.4564

■ 176.1560,
-13.8809, -74.6818

■ 192.5750, -9.1575,
-49.6163

■ 167.7970,
-16.1689, -87.5220

■ 200.6350, -6.7221,
-37.3909

■ 159.7370,
-18.6043, -99.7473

■ 208.6950, -4.2866,
-25.1655

■ 151.4920,
-20.4556, -112.6875

■ 216.9400, -2.4354,
-12.2254

■ 143.4320,
-22.8910, -124.9129

■ 225.0000, 0.0000,
0.0000

■ 143.0190,
-23.1804, -125.4277

■ 233.3590, 2.2880,
12.8402

■ 236.9340, 6.9345,
15.8439

■ 237.3900, 8.6817,
15.4440

Harmonies

Analogous

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



193.6120, -35.3047, -16.3227



184.2160, -11.4455, -62.4564



157.7760, 25.7464, -138.3696

Triad

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



184.2160, -11.4455, -62.4564



191.8520, 31.1320, -45.4742



193.8360, -21.1181, 53.6408

Complementary

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



184.2160, -11.4455, -62.4564



153.7840, 11.4455, 62.4564

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.



194.9710, 1.0003, 52.6454



184.2160, -11.4455, -62.4564



204.6080, 24.8433, 11.7448

Square

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



184.2160, -11.4455, -62.4564



157.6230, 48.0069, -138.2354



204.5520, 19.9409, 44.2429



198.7650, -40.3101, 49.3181

Rectangle

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



184.2160, -11.4455, -62.4564



161.4240, 39.7240, -141.5688



204.5520, 19.9409, 44.2429



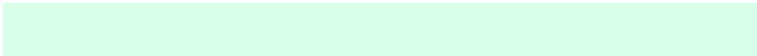
193.0840, -13.8454, 54.3003

Sweetspot

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



184.2160, -11.4455, -62.4564



241.1300, -4.0081, -21.1620



198.1790, -41.9932, -17.6970



119.5270, -2.7248, -12.7402



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.



184.2160, -11.4455, -62.4564



199.3350, -15.4482, -85.3628



190.4860, 12.5784, -67.9552



108.0270, -0.9993, -6.1627



111.8620, -18.1730, -98.1030



30.5700, -4.7180, -26.8099

Inverse Universe

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



153.7840, 11.4455, 62.4564



157.6650, 15.4482, 85.3628



147.5140, -12.5784, 67.9552



104.9730, 0.9993, 6.1627



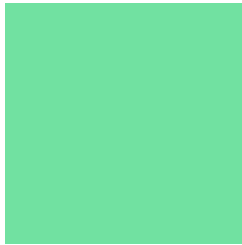
64.1380, 18.1730, 98.1030



17.5440, 5.1548, 26.7099

Previews

White Background



This preview shows how the YUV color 184.2160, -11.4455, -62.4564 looks on a white background.

Color Contrast Check

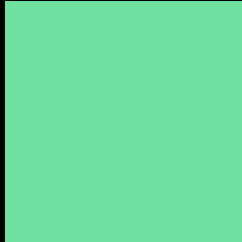
Large Text (above 18pt) WCAG AA × Fail

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 184.2160, -11.4455, -62.4564 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

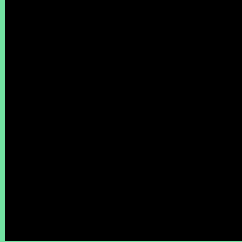
Any Text WCAG AA ✓ Pass

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 184.2160, -11.4455, -62.4564 Background



This preview shows how black text looks on a background with the YUV color 184.2160, -11.4455, -62.4564.



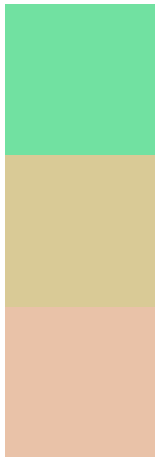
This preview shows how white text looks on a background with the YUV color 184.2160, -11.4455, -62.4564.

-62.4564.

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

184.2160, -11.4455, -62.4564

Protanopia

200.5570, -24.9246, 14.4205

Deuteranopia

202.6970, -17.1056, 26.5757



Tritanopia

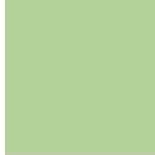
192.8220, 19.8078, -53.3409

Trichromacy



Original Color

184.2160, -11.4455, -62.4564



Protanomaly

194.3470, -19.8911, -13.4593



Deuteranomaly

195.6560, -15.1134, -5.8373



Tritanomaly

189.5260, 8.6147, -56.5893

Monochromacy



Original Color

184.2160, -11.4455, -62.4564



Achromatopsia

184.0000, 0.0000, 0.0000



Achromatomaly

184.1190, -4.0027, -22.9064

CSS Examples

Text

The CSS property to change the color of the text to YUV 184.2160, -11.4455, -62.4564 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, 225, 161)` looks like.

```
.text, #text, p{  
    color:rgb(113, 225, 161)  
}
```

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, 225, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 225, 161) }
```

Border

The CSS property to change the border of an element to YUV 184.2160, -11.4455, -62.4564 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, 225, 161) }
```


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

```
.border{ border-color:rgb(113, 225, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 225, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 225, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 225, 161);  
box-shadow:4px 4px 4px 4px rgb(113, 225,  
161) }
```

Background

The CSS property to change the background color of an element to YUV 184.2160, -11.4455, -62.4564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 225, 161) }
```

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

```
.background{ background-color: rgb(113,  
225, 161) }
```

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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