

Converting Colors

YUV(177.1460, -8.4530,
-42.2240)

Have a look what the booklet for
YUV(177.1460, -8.4530, -42.2240)
contains.

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Color

**YUV(177.1460, -8.4530,
-42.2240)**

Conversions

Conversions Part 1

Format	Color
Hex	81CDA0
RGB	129, 205, 160
RGB Percent	51%, 80%, 63%
CMY	0.4941, 0.1961, 0.3725
CMYK	0.37, 0.00, 0.22, 0.20
HSL	144°, 43%, 65%
HSV	144°, 37%, 80%
XYZ	37.2297, 50.8678, 41.1140
YIQ	177.1460, -30.8510, -30.1070

Conversions

Conversions Part 2

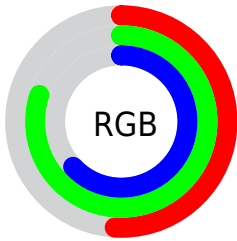
Format	Color
RYB	129, 183, 205
Decimal	8506784
CIELab	76.60, -33.30, 15.10
CIElCh	77, 36.559, 155.611
Yxy	50.8678, 0.2881, 0.3937
Android (android.graphics.Color)	4286696864 (0xFF81CDA0)
YUV	177.1460, -8.4530, -42.2240
Hunter-Lab	71.3217, -31.6364, 15.7470

Details

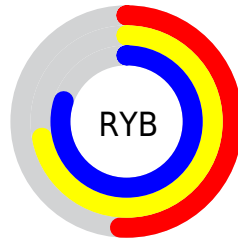
The YUV color **177.1460, -8.4530, -42.2240** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **156.8540, 8.4530, 42.2240**, and the grayscale version is **177.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **229.2110, -7.0060, -39.6500**, and **123.0860, -7.4374, -41.2944** is the 20% darker color. If you saturate the color by 10%, you get **169.7980, -10.7464, -53.3198**, and if you desaturate by 10%, it is **184.7930, -6.3069, -30.5135**.

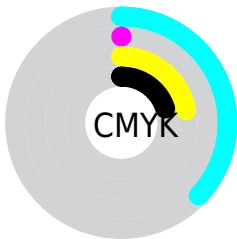
Distribution



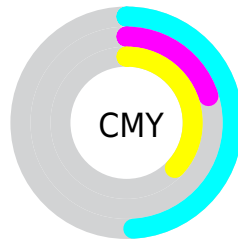
- Red (51%)
- Green (80%)
- Blue (63%)



- Red (51%)
- Yellow (72%)
- Blue (80%)



- Cyan (37%)
- Magenta (0%)
- Yellow (22%)
- Black (20%)



- Cyan (49%)
- Magenta (20%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YUV color 177.1460, -8.4530, -42.2240 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 177.1460, -8.4530, -42.2240 by changing the saturation by 10% instead.

■ 177.1460, -8.4530,
-42.2240

■ 177.1460, -8.4530,
-42.2240

255.0000, 0.0000,
0.0000

■ 149.6730, -7.7268,
-41.8092

■ 229.2110, -7.0060,
-39.6500

■ 123.0860, -7.4374,
-41.2944

■ 241.0740, 0.9495,
-24.6209

■ 97.0150, -6.4164,
-42.1092

■ 251.1130, 1.9163,
-7.9921

■ 70.1500, -4.5110,
-46.6126

■ 47.8840, -4.3798,
-41.9943

■ 31.9890, -6.8966,
-28.0544

■ 18.1970, -8.9711,

-15.9588

■ 0.0000, 0.0000,
0.0000

■ 177.1460, -8.4530,
-42.2240

■ 177.1460, -8.4530,
-42.2240

■ 169.7980,
-10.7464, -53.3198

■ 184.7930, -6.3069,
-30.5135

■ 162.1510,
-12.8924, -65.0304

■ 192.1410, -4.0135,
-19.4177

■ 154.8030,
-15.1859, -76.1262

■ 199.7880, -1.8675,
-7.7071

■ 147.0420,
-17.7687, -87.7368

■ 207.2500, 0.8628,
3.2888

■ 139.6940,
-20.0621, -98.8326

■ 214.8970, 3.0088,
14.9993

■ 132.0470,
-22.2082, -110.5432

■ 222.2450, 5.3022,
26.0951

■ 129.9110,
-22.6341, -113.9319

■ 224.5100, 10.1016,
26.7397

■ 225.6500, 14.4696,
25.7400

Harmonies

Analogous

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



182.5060, -24.4065, -11.8448



177.1460, -8.4530, -42.2240



170.2360, 11.7157, -71.2440

Triad

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



177.1460, -8.4530, -42.2240



186.0480, 33.9933, -29.8601



190.8900, -19.6658, 54.4705

Complementary

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



177.1460, -8.4530, -42.2240



156.8540, 8.4530, 42.2240

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.



192.6030, -4.2413, 53.8452



177.1460, -8.4530, -42.2240



192.7000, 25.2909, 8.1561

Square

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



177.1460, -8.4530, -42.2240



175.8000, 36.5806, -66.4766



193.7440, 11.9582, 37.9355



188.7560, -29.9527, 40.5560

Rectangle

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



177.1460, -8.4530, -42.2240



167.1770, 24.5627, -85.2242



193.7440, 11.9582, 37.9355



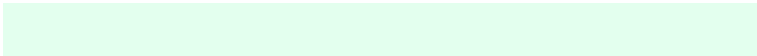
191.4540, -15.0138, 55.7298

Sweetspot

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



177.1460, -8.4530, -42.2240



244.6900, -3.2982, -15.5141



187.3660, -28.7744, -10.8450



121.7770, -1.8621, -9.4514



0.0000, 0.0000, 0.0000



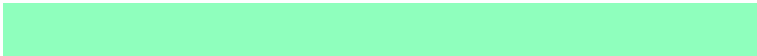
128.0000, 0.0000, 0.0000

Same Dimension

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



177.1460, -8.4530, -42.2240



213.9880, -12.3191, -62.2565



181.3640, 7.7085, -45.9232



98.3260, -1.1467, -5.5479



105.1940, -18.3366, -92.2551



24.1300, -4.0081, -21.1620

Inverse Universe

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



156.8540, 8.4530, 42.2240



184.0120, 12.3191, 62.2565



152.6360, -7.7085, 45.9232



95.6740, 1.1467, 5.5479



60.8060, 18.3366, 92.2551



13.9840, 4.4449, 21.0620

Previews

White Background



This preview shows how the YUV color 177.1460, -8.4530, -42.2240 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 177.1460, -8.4530, -42.2240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

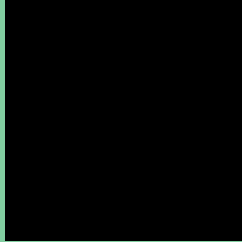
Any Text WCAG AA ✓ Pass

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 177.1460, -8.4530, -42.2240 Background



This preview shows how black text looks on a background with the YUV color 177.1460, -8.4530, -42.2240.



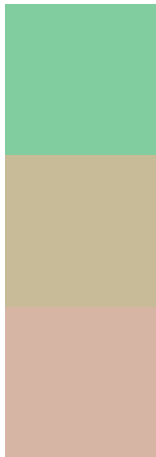
This preview shows how white text looks on a background with the YUV color 177.1460, -8.4530,

-42.2240.

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

177.1460, -8.4530, -42.2240

Protanopia

187.4840, -17.4936, 10.9765

Deuteranopia

189.3420, -12.0006, 22.5021



Tritanopia

182.7810, 15.3910, -36.6419

Trichromacy



Original Color

177.1460, -8.4530, -42.2240



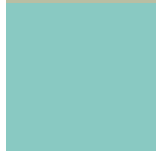
Protanomaly

183.5740, -14.0870, -8.3964



Deuteranomaly

185.1280, -10.9091, -0.9893



Tritanomaly

181.0660, 6.3765, -38.6459

Monochromacy



Original Color

177.1460, -8.4530, -42.2240



Achromatopsia

177.0000, 0.0000, 0.0000



Achromatomaly

177.1030, -3.0088, -14.9993

CSS Examples

Text

The CSS property to change the color of the text to YUV 177.1460, -8.4530, -42.2240 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(129, 205, 160)` looks like.

```
.text, #text, p{  
    color:rgb(129, 205, 160)  
}
```

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(129, 205, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 205, 160) }
```

Border

The CSS property to change the border of an element to YUV 177.1460, -8.4530, -42.2240 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(129, 205, 160) }
```


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

```
.border{ border-color:rgb(129, 205, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 205, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(129, 205, 160); -webkit-box-shadow:4px 4px 4px 4px rgb(129, 205, 160); box-shadow:4px 4px 4px 4px rgb(129, 205, 160) }
```

Background

The CSS property to change the background color of an element to YUV 177.1460, -8.4530, -42.2240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 205, 160) }
```

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

```
.background{ background-color: rgb(129,  
205, 160) }
```

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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