

Converting Colors

YUV(177.6360, -1.7925,
-78.6108)

Have a look what the booklet for
YUV(177.6360, -1.7925, -78.6108)
contains.

YUV(177.6360, -1.7925, -78.6108)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(177.6360, -1.7925,
-78.6108)**

Conversions

Conversions Part 1

Format	Color
Hex	58E0AE
RGB	88, 224, 174
RGB Percent	35%, 88%, 68%
CMY	0.6549, 0.1216, 0.3176
CMYK	0.61, 0.00, 0.22, 0.12
HSL	158°, 69%, 61%
HSV	158°, 61%, 88%
XYZ	38.3201, 58.4420, 49.3052
YIQ	177.6360, -65.0060, -44.3820

Conversions

Conversions Part 2

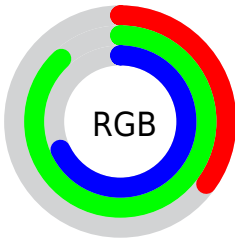
Format	Color
RYB	88, 171, 224
Decimal	5824686
CIELab	80.98, -48.66, 13.63
CIElCh	81, 50.533, 164.351
Yxy	58.4420, 0.2623, 0.4001
Android (android.graphics.Color)	4284014766 (0xFF58E0AE)
YUV	177.6360, -1.7925, -78.6108
Hunter-Lab	76.4474, -44.3077, 15.2737

Details

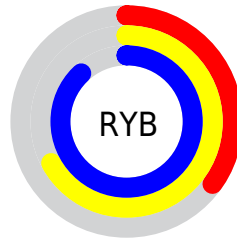
The YUV color **177.6360, -1.7925, -78.6108** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted spring green. A complement of this color would be **134.3640, 1.7925, 78.6108**, and the grayscale version is **178.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **220.4560, 4.7052, -62.6669**, and **112.5240, 4.6717, -98.6835** is the 20% darker color. If you saturate the color by 10%, you get **170.1460, -2.0440, -91.3360**, and if you desaturate by 10%, it is **185.1260, -1.5411, -65.8855**.

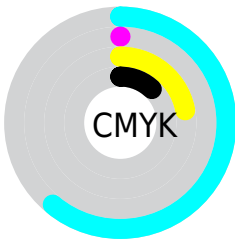
Distribution



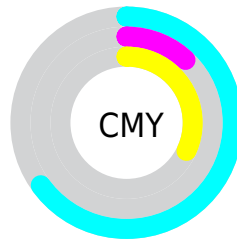
- Red (35%)
- Green (88%)
- Blue (68%)



- Red (35%)
- Yellow (67%)
- Blue (88%)



- Cyan (61%)
- Magenta (0%)
- Yellow (22%)
- Black (12%)



- Cyan (65%)
- Magenta (12%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YUV color 177.6360, -1.7925, -78.6108 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 177.6360, -1.7925, -78.6108 by changing the saturation by 10% instead.

177.6360, -1.7925,
-78.6108

177.6360, -1.7925,
-78.6108

255.0000, 0.0000,
0.0000

147.6570, -0.3239,
-83.0142

220.4560, 4.7052,
-62.6669

112.5240, 4.6717,
-98.6835

232.2760, 11.2029,
-46.7231

93.8250, 1.5653,
-82.2845

241.2460, 6.7807,
-28.2797

75.2400, -1.1043,
-65.9855

250.5150, 2.2111,
-9.2217

57.9430, -3.9159,
-50.8160

40.8740, -5.8539,
-35.8465

25.6970, -10.6966,

-22.5363

■ 4.1090, -2.0257,
-3.6036

■ 0.0000, 0.0000,
0.0000

■ 177.6360, -1.7925,
-78.6108

■ 177.6360, -1.7925,
-78.6108

■ 170.1460, -2.0440,
-91.3360

■ 185.1260, -1.5411,
-65.8855

■ 162.3570, -2.1480,
-104.6761


■ 192.9150, -1.4371,
-52.5455

■ 154.7530, -2.8362,
-117.3014


■ 200.5190, -0.7489,
-39.9202


■ 147.6760, -2.7983,
-129.5119

■ 208.3080, -0.6448,
-26.5801

 215.7980, -0.3934,
-13.8548

 223.2880, -0.1420,
-1.1296

 231.1910, 0.3988,
12.1105

 235.0930, 2.4192,
17.4584

 236.0050, 5.9135,
16.6586

Harmonies

Analogous

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



188.6580, -28.4254, -29.5181



177.6360, -1.7925, -78.6108



158.0840, 32.0036, -138.6397

Triad

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



177.6360, -1.7925, -78.6108



194.9300, 29.6145, -25.3716



193.4140, -27.8121, 54.0109

Complementary

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



177.6360, -1.7925, -78.6108



134.3640, 1.7925, 78.6108

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.



192.4460, -6.1359, 54.8599



177.6360, -1.7925, -78.6108



204.9950, 24.6525, 26.3144

Square

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



177.6360, -1.7925, -78.6108



172.6390, 40.6040, -97.0304



199.6790, 13.9623, 48.5165



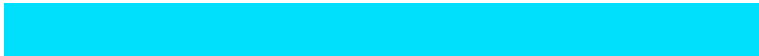
199.4180, -44.0831, 46.1144

Rectangle

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



177.6360, -1.7925, -78.6108



160.3300, 45.6863, -140.6094



199.6790, 13.9623, 48.5165



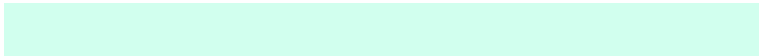
192.5480, -20.9762, 54.7704

Sweetspot

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



177.6360, -1.7925, -78.6108



239.3080, -0.6448, -26.5801



183.3800, -47.0223, -38.0443



118.0750, -0.5300, -16.7288



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.



177.6360, -1.7925, -78.6108



191.6340, -2.2846, -107.5500



173.9440, 24.6776, -75.3729



108.2550, -0.1257, -6.3626



115.9660, -2.4482, -101.7022



31.7100, -0.3500, -27.8097

Inverse Universe

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



134.3640, 1.7925, 78.6108



132.3660, 2.2846, 107.5500



138.0560, -24.6776, 75.3729



104.7450, 0.1257, 6.3626



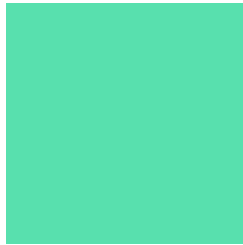
60.0340, 2.4482, 101.7022



16.4040, 0.7868, 27.7097

Previews

White Background



This preview shows how the YUV color 177.6360, -1.7925, -78.6108 looks on a white background.

Color Contrast Check

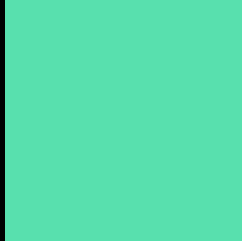
Large Text (above 18pt) WCAG AA × Fail

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 177.6360, -1.7925, -78.6108 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

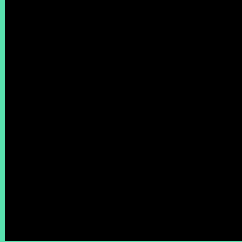
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

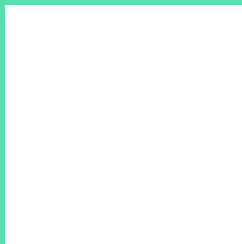
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 177.6360, -1.7925, -78.6108

Background



This preview shows how black text looks on a background with the YUV color 177.6360, -1.7925, -78.6108.



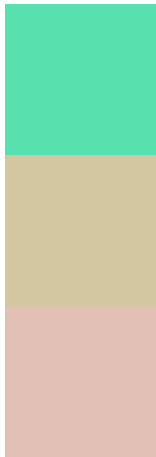
This preview shows how white text looks on a background with the YUV color 177.6360, -1.7925, -78.6108.

-78.6108.

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

177.6360, -1.7925, -78.6108

Protanopia

198.3700, -17.9304, 11.0765

Deuteranopia

200.9120, -9.8166, 22.0022



Tritanopia

185.9450, 23.1981, -67.4808

Trichromacy



Original Color

177.6360, -1.7925, -78.6108



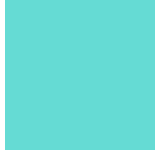
Protanomaly

190.6540, -12.1544, -21.6216



Deuteranomaly

192.6640, -7.2294, -14.6143



Tritanomaly

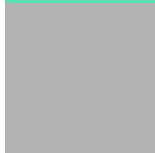
182.9200, 14.3364, -71.8438

Monochromacy



Original Color

177.6360, -1.7925, -78.6108



Achromatopsia

178.0000, 0.0000, 0.0000



Achromatomaly

177.9980, -0.4920, -28.9392

CSS Examples

Text

The CSS property to change the color of the text to YUV 177.6360, -1.7925, -78.6108 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(88, 224, 174)` looks like.

```
.text, #text, p{  
    color:rgb(88, 224, 174)  
}
```

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(88, 224, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 224, 174) }
```

Border

The CSS property to change the border of an element to YUV 177.6360, -1.7925, -78.6108 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(88, 224, 174) }
```


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

```
.border{ border-color:rgb(88, 224, 174) }
```

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

Here you see how a box with a 4 pixel rgb(88, 224, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 224, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 224, 174);  
box-shadow:4px 4px 4px 4px rgb(88, 224,  
174) }
```

Background

The CSS property to change the background color of an element to YUV 177.6360, -1.7925, -78.6108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 224, 174) }
```

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

```
.background{ background-color: rgb(88, 224,  
174) }
```

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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