

Converting Colors

YUV(177.9840, -72.9561,
20.1850)

Have a look what the booklet for
YUV(177.9840, -72.9561, 20.1850)
contains.

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Color

**YUV(177.9840, -72.9561,
20.1850)**

Conversions

Conversions Part 1

Format	Color
Hex	C9C31E
RGB	201, 195, 30
RGB Percent	79%, 76%, 12%
CMY	0.2118, 0.2353, 0.8824
CMYK	0.00, 0.03, 0.85, 0.21
HSL	58°, 74%, 45%
HSV	58°, 85%, 79%
XYZ	43.8368, 51.5415, 8.8663
YIQ	177.9840, 56.5410, -50.0430

Conversions

Conversions Part 2

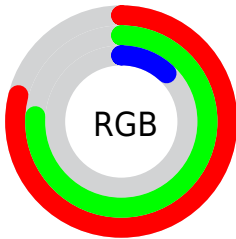
Format	Color
RYB	36, 201, 30
Decimal	13222686
CIELab	77.01, -14.58, 73.67
CIELCh	77, 75.095, 101.192
Yxy	51.5415, 0.4205, 0.4944
Android (android.graphics.Color)	4291412766 (0xFFC9C31E)
YUV	177.9840, -72.9561, 20.1850
Hunter-Lab	71.7924, -16.6435, 42.9324

Details

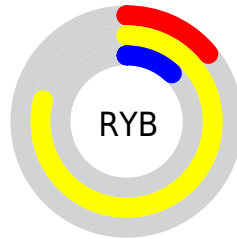
The YUV color **177.9840, -72.9561, 20.1850** is a dark color, and the websafe version is hex **CCCC33**. The color can be described as middle washed yellow. A complement of this color would be **53.0160, 72.9561, -20.1850**, and the grayscale version is **179.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **234.2980, -69.1669, 18.1557**, and **126.1110, -62.1727, 14.8117** is the 20% darker color. If you saturate the color by 10%, you get **175.1170, -81.4027, 22.6994**, and if you desaturate by 10%, it is **180.8510, -64.5095, 17.6707**.

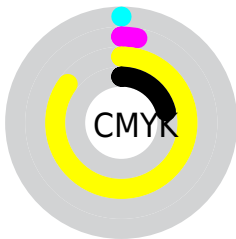
Distribution



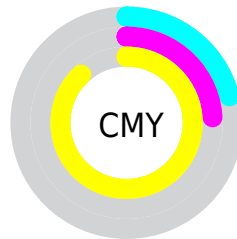
- Red (79%)
- Green (76%)
- Blue (12%)



- Red (14%)
- Yellow (79%)
- Blue (12%)



- Cyan (0%)
- Magenta (3%)
- Yellow (85%)
- Black (21%)



- Cyan (21%)
- Magenta (24%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YUV color 177.9840, -72.9561, 20.1850 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 177.9840, -72.9561, 20.1850 by changing the saturation by 10% instead.

■ 177.9840,
-72.9561, 20.1850

■ 177.9840,
-72.9561, 20.1850

■ 255.0000, 0.0000,
0.0000

■ 150.0440,
-73.9717, 19.2554

■ 234.2980,
-69.1669, 18.1557

■ 126.1110,
-62.1727, 14.8117

■ 239.8380,
-58.0941, 13.2971

■ 102.1780,
-50.3738, 10.3679

■ 243.1440,
-45.4270, 10.3977

■ 80.0170, -39.4484,
6.1241

■ 246.4500,
-32.7599, 7.4983

■ 58.1440, -28.6650,
0.7507

■ 249.7560,
-20.0927, 4.5990

■ 37.7550, -18.6132,
-3.2931

■ 253.0620, -7.4256,

■ 16.1480, -7.9610,

1.6996

-13.2848

■ 0.0000, 0.0000,
0.0000

■ 177.9840,
-72.9561, 20.1850

■ 177.9840,
-72.9561, 20.1850

■ 175.1170,
-81.4027, 22.6994

■ 180.8510,
-64.5095, 17.6707

■ 173.9770,
-85.7707, 23.6992

■ 183.1310,
-55.7736, 15.6711

■ 185.9980,
-47.3270, 13.1568

■ 188.8650,
-38.8804, 10.6424

■ 191.8460,
-29.9971, 8.0281

■ 194.1260,
-21.2611, 6.0285

■ 196.9930,
-12.8145, 3.5141

■ 199.8600, -4.3680,
0.9998

■ 202.1400, 4.3680,
-0.9998

Harmonies

Analogous

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



182.0940, -66.1083, 63.9386



177.9840, -72.9561, 20.1850



169.7110, -45.7065, -40.0885

Triad

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



177.9840, -72.9561, 20.1850



158.2100, 47.7175, -138.7502



180.1600, 28.0221, 65.6347

Complementary

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



177.9840, -72.9561, 20.1850



53.0160, 72.9561, -20.1850

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.



190.8630, 31.6195, 31.6921



177.9840, -72.9561, 20.1850



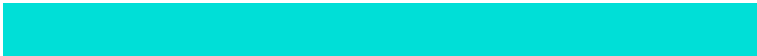
152.3400, 50.6114, -133.6022

Square

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



177.9840, -72.9561, 20.1850



155.4110, 29.3774, -136.2954



167.2220, 43.2746, -66.8467



167.4840, -0.2386, 76.7515

Rectangle

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



177.9840, -72.9561, 20.1850



146.1310, -12.8826, -115.0019



167.2220, 43.2746, -66.8467



187.4950, 33.2800, 59.2019

Sweetspot

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



177.9840, -72.9561, 20.1850



246.3020, -28.2499, 7.6281



82.1550, -21.2754, 104.2271



122.2660, -16.8931, 5.0287



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.



177.9840, -72.9561, 20.1850



220.6470, -108.7790, 30.1276



158.4830, -63.3421, -30.2416



97.9740, -3.9312, 0.8998



140.8960, -69.4617, 19.3852



30.7220, -15.1459, 4.6288

Inverse Universe

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



53.0160, 72.9561, -20.1850



34.3530, 108.7790, -30.1276



72.5170, 63.3421, 30.2416



91.0260, 3.9312, -0.8998



22.1040, 69.4617, -19.3852



4.6910, 15.4353, -4.1140

Previews

White Background



This preview shows how the YUV color 177.9840, -72.9561, 20.1850 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 177.9840, -72.9561, 20.1850 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 177.9840, -72.9561, 20.1850

Background



This preview shows how black text looks on a background with the YUV color 177.9840, -72.9561, 20.1850.



This preview shows how white text looks on a background with the YUV color 177.9840, -72.9561, 20.1850.

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

177.9840, -72.9561, 20.1850

Protanopia

179.4090, -74.1516, 30.3363

Deuteranopia

181.6810, -69.8487, 50.2688



Tritanopia

192.2780, 1.8349, 18.1732

Trichromacy



Original Color

177.9840, -72.9561, 20.1850

Protanomaly

178.5010, -73.7040, 26.7476

Deuteranomaly

179.9740, -70.9792, 39.4878

Tritanomaly

187.1770, -25.2303, 19.1388

Monochromacy



Original Color

177.9840, -72.9561, 20.1850

Achromatopsia

178.0000, 0.0000, 0.0000

Achromatomaly

177.7580, -26.5027, 7.2282

CSS Examples

Text

The CSS property to change the color of the text to YUV 177.9840, -72.9561, 20.1850 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(201, 195, 30)` looks like.

```
.text, #text, p{  
    color:rgb(201, 195, 30)  
}
```

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(201, 195, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 195, 30) }
```

Border

The CSS property to change the border of an element to YUV 177.9840, -72.9561, 20.1850 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(201, 195, 30) }
```


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

```
.border{ border-color:rgb(201, 195, 30) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 195, 30)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 195, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 195, 30);  
box-shadow:4px 4px 4px 4px rgb(201, 195,  
30) }
```

Background

The CSS property to change the background color of an element to YUV 177.9840, -72.9561, 20.1850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 195, 30) }
```

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

```
.background{ background-color: rgb(201,  
195, 30) }
```

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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