

Converting Colors

YUV(175.5410, -20.9727,
-39.9395)

Have a look what the booklet for
YUV(175.5410, -20.9727, -39.9395)
contains.

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Color

**YUV(175.5410, -20.9727,
-39.9395)**

Conversions

Conversions Part 1

Format	Color
Hex	82CF85
RGB	130, 207, 133
RGB Percent	51%, 81%, 52%
CMY	0.4902, 0.1882, 0.4784
CMYK	0.37, 0.00, 0.36, 0.19
HSL	122°, 45%, 66%
HSV	122°, 37%, 81%
XYZ	35.7524, 51.0649, 30.1625
YIQ	175.5410, -22.1380, -39.3380

Conversions

Conversions Part 2

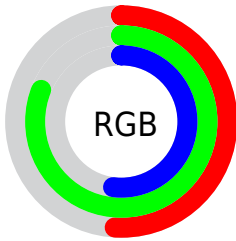
Format	Color
RYB	130, 204, 207
Decimal	8572805
CIELab	76.72, -38.72, 29.48
CIElCh	77, 48.664, 142.710
Yxy	51.0649, 0.3056, 0.4365
Android (android.graphics.Color)	4286762885 (0xFF82CF85)
YUV	175.5410, -20.9727, -39.9395
Hunter-Lab	71.4597, -35.7483, 24.9961

Details

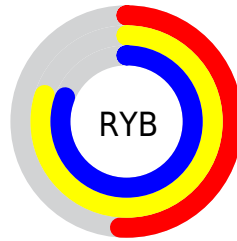
The YUV color **175.5410, -20.9727, -39.9395** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **161.4590, 20.9727, 39.9395**, and the grayscale version is **176.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **226.6170, -19.5312, -35.6211**, and **121.2960, -19.3729, -39.7246** is the 20% darker color. If you saturate the color by 10%, you get **166.9820, -26.6131, -50.8502**, and if you desaturate by 10%, it is **184.1000, -15.3323, -29.0287**.

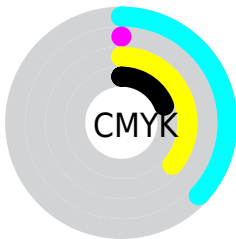
Distribution



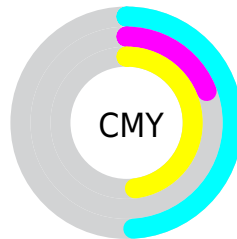
- Red (51%)
- Green (81%)
- Blue (52%)



- Red (51%)
- Yellow (80%)
- Blue (81%)



- Cyan (37%)
- Magenta (0%)
- Yellow (36%)
- Black (19%)



- Cyan (49%)
- Magenta (19%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YUV color 175.5410, -20.9727, -39.9395 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 175.5410, -20.9727, -39.9395 by changing the saturation by 10% instead.

■ 175.5410,
-20.9727, -39.9395

■ 175.5410,
-20.9727, -39.9395

255.0000, 0.0000,
0.0000

■ 148.0680,
-20.2465, -39.5246

■ 226.6170,
-19.5312, -35.6211

■ 121.2960,
-19.3729, -39.7246

■ 238.1810,
-11.4282, -21.2067

■ 95.2250, -18.3519,
-40.5393

■ 250.0440, -3.4727,
-6.1776

■ 67.4740, -16.0097,
-45.1427

■ 45.9800, -16.7521,
-40.3245

■ 30.5240, -15.0483,
-26.7695

■ 18.1970, -8.9711,

-15.9588

■ 0.0000, 0.0000,
0.0000

■ 175.5410,
-20.9727, -39.9395

■ 175.5410,
-20.9727, -39.9395

■ 166.9820,
-26.6131, -50.8502

■ 184.1000,
-15.3323, -29.0287

■ 158.7220,
-32.4009, -61.1462

■ 192.3600, -9.5445,
-18.7327

■ 150.1630,
-38.0414, -72.0570

■ 200.9190, -3.9041,
-7.8220

■ 141.6040,
-43.6818, -82.9677

■ 209.4780, 1.7363,
3.0888

■ 133.4580,
-49.0328, -93.3637

■ 217.9230, 6.9400,
14.0995

■ 124.8990,
-54.6732, -104.2744

■ 226.1830, 12.7278,
24.3955

■ 122.4210,
-56.4096, -107.3632

■ 226.8240, 13.8908,
24.7104

Harmonies

Analogous

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



182.2120, -38.5585, 0.6911



175.5410, -20.9727, -39.9395



160.9530, 7.4182, -92.9208

Triad

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



175.5410, -20.9727, -39.9395



171.9180, 40.9594, -70.9651



185.1280, -13.8671, 61.2777

Complementary

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



175.5410, -20.9727, -39.9395



161.4590, 20.9727, 39.9395

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.



189.6710, 6.0782, 57.2935



175.5410, -20.9727, -39.9395



188.8270, 32.6233, -10.3723

Square

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



175.5410, -20.9727, -39.9395



151.1660, 51.1902, -132.5726



194.9360, 24.1886, 35.1361



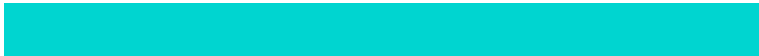
187.8400, -33.9381, 58.8993

Rectangle

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



175.5410, -20.9727, -39.9395



148.7430, 29.2137, -130.4476



194.9360, 24.1886, 35.1361



185.6640, -6.7364, 60.8077

Sweetspot

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



175.5410, -20.9727, -39.9395



243.5500, -7.6661, -14.5143



197.3250, -33.1912, 5.8540



121.0930, -4.4828, -8.8516



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.



175.5410, -20.9727, -39.9395



208.0750, -31.0960, -59.7018



179.8730, -4.3744, -43.7386



100.5710, -2.7465, -5.7628



99.4140, -45.5601, -87.1861



24.2950, -10.9914, -21.3067

Inverse Universe

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



161.4590, 20.9727, 39.9395



187.0390, 31.5328, 59.6018



157.1270, 4.3744, 43.7386



98.4290, 2.7465, 5.7628



68.7000, 45.9969, 87.0861



16.7050, 10.9914, 21.3067

Previews

White Background



This preview shows how the YUV color 175.5410, -20.9727, -39.9395 looks on a white background.

Color Contrast Check

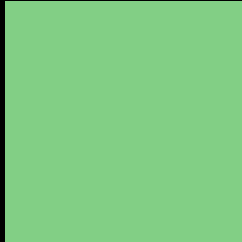
Large Text (above 18pt) WCAG AA × Fail

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 175.5410, -20.9727, -39.9395 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

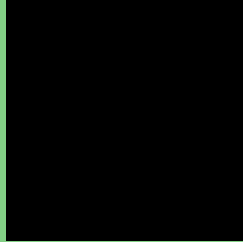
Any Text WCAG AA ✓ Pass

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 175.5410, -20.9727, -39.9395 Background



This preview shows how black text looks on a background with the YUV color 175.5410, -20.9727, -39.9395.



This preview shows how white text looks on a background with the YUV color 175.5410, -20.9727, -39.9395.

-39.9395.

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

175.5410, -20.9727, -39.9395

Protanopia

185.6020, -29.8768, 16.1350

Deuteranopia

188.7700, -24.5366, 30.0197



Tritanopia

183.5750, 14.5065, -32.9533

Trichromacy



Original Color

175.5410, -20.9727, -39.9395

Protanomaly

181.9800, -26.6121, -4.3675

Deuteranomaly

183.6590, -23.0029, 4.6841

Tritanomaly

180.8230, 1.5663, -35.8018

Monochromacy



Original Color

175.5410, -20.9727, -39.9395

Achromatopsia

176.0000, 0.0000, 0.0000

Achromatomaly

175.5500, -7.6662, -14.5144

CSS Examples

Text

The CSS property to change the color of the text to YUV 175.5410, -20.9727, -39.9395 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(130, 207, 133)` looks like.

```
.text, #text, p{  
    color:rgb(130, 207, 133)  
}
```

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(130, 207, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 207, 133) }
```

Border

The CSS property to change the border of an element to YUV 175.5410, -20.9727, -39.9395 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(130, 207, 133) }
```


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

```
.border{ border-color:rgb(130, 207, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 207, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 207, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 207, 133);  
box-shadow:4px 4px 4px 4px rgb(130, 207,  
133) }
```

Background

The CSS property to change the background color of an element to YUV 175.5410, -20.9727, -39.9395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 207, 133) }
```

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

```
.background{ background-color: rgb(130,  
207, 133) }
```

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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