

Converting Colors

YUV(190.7140, -20.0720,
-48.8612)

Have a look what the booklet for
YUV(190.7140, -20.0720, -48.8612)
contains.

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Color

**YUV(190.7140, -20.0720,
-48.8612)**

Conversions

Conversions Part 1

Format	Color
Hex	87E396
RGB	135, 227, 150
RGB Percent	53%, 89%, 59%
CMY	0.4706, 0.1098, 0.4118
CMYK	0.41, 0.00, 0.34, 0.11
HSL	130°, 62%, 71%
HSV	130°, 41%, 89%
XYZ	42.9658, 62.2911, 38.6130
YIQ	190.7140, -30.1150, -43.4510

Conversions

Conversions Part 2

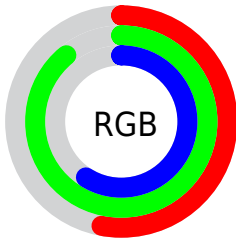
Format	Color
RYB	135, 214, 227
Decimal	8905622
CIELab	83.07, -43.28, 29.24
CIELCh	83, 52.235, 145.956
Yxy	62.2911, 0.2986, 0.4330
Android (android.graphics.Color)	4287095702 (0xFF87E396)
YUV	190.7140, -20.0720, -48.8612
Hunter-Lab	78.9247, -40.9447, 26.2403

Details

The YUV color **190.7140, -20.0720, -48.8612** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **171.2860, 20.0720, 48.8612**, and the grayscale version is **191.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **230.4630, -12.5533, -33.7321**, and **135.1700, -18.3248, -49.2611** is the 20% darker color. If you saturate the color by 10%, you get **181.6710, -24.9808, -61.1015**, and if you desaturate by 10%, it is **199.7570, -15.1632, -36.6209**.

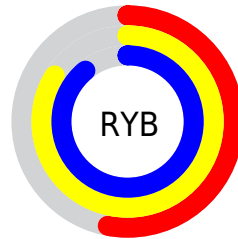
Distribution



Red (53%)

Green (89%)

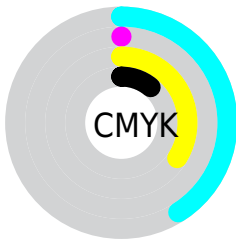
Blue (59%)



Red (53%)

Yellow (84%)

Blue (89%)

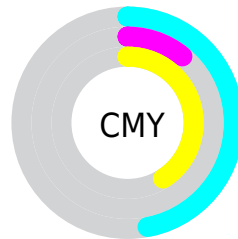


Cyan (41%)

Magenta (0%)

Yellow (34%)

Black (11%)



Cyan (47%)

Magenta (11%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YUV color 190.7140, -20.0720, -48.8612 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 190.7140, -20.0720, -48.8612 by changing the saturation by 10% instead.

■ 190.7140,
-20.0720, -48.8612

■ 190.7140,
-20.0720, -48.8612

255.0000, 0.0000,
0.0000

■ 162.9420,
-19.1984, -49.0611

■ 230.4630,
-12.5533, -33.7321

■ 135.1700,
-18.3248, -49.2611

■ 242.3260, -4.5977,
-18.7029

■ 107.9140,
-16.7196, -50.7906

■ 253.5050, 0.7370,
-3.0739

■ 78.5540, -14.0771,
-58.3679

■ 57.0820, -14.8304,
-50.0609

■ 40.2580, -18.3682,
-35.3063

■ 26.4150, -13.0226,

-23.1660

■ 11.1530, -5.4984,
-9.7812

■ 0.0000, 0.0000,
0.0000

■ 190.7140,
-20.0720, -48.8612

■ 190.7140,
-20.0720, -48.8612

■ 181.6710,
-24.9808, -61.1015

■ 199.7570,
-15.1632, -36.6209

■ 172.9270,
-30.0370, -72.7270

■ 208.5010,
-10.1070, -24.9954

■ 163.8840,
-34.9458, -84.9673

■ 217.5440, -5.1982,
-12.7551

■ 154.8410,
-39.8546, -97.2076

■ 226.5870, -0.2894,
-0.5148

■ 146.0970,
-44.9108, -108.8331

■ 235.6300, 4.6194,
11.7255

■ 137.4670,
-49.5302, -120.5586

■ 238.5640, 8.1029,
14.4144

Harmonies

Analogous

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



198.6090, -40.7262, -4.0421



190.7140, -20.0720, -48.8612



171.6130, 13.0088, -112.7936

Triad

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



190.7140, -20.0720, -48.8612



187.8770, 33.0916, -67.4211



194.9590, -14.2768, 52.6560

Complementary

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



190.7140, -20.0720, -48.8612



171.2860, 20.0720, 48.8612

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.



198.8980, 8.4313, 49.2015



190.7140, -20.0720, -48.8612



204.8080, 24.7447, -3.3396

Square

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



190.7140, -20.0720, -48.8612



161.7320, 45.9811, -141.8390



209.8010, 22.2831, 39.6395



198.7310, -35.3634, 49.3479

Rectangle

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



190.7140, -20.0720, -48.8612



162.6320, 34.1984, -142.6283



209.8010, 22.2831, 39.6395



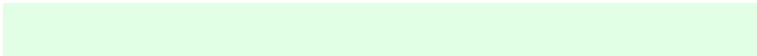
195.6090, -6.7092, 52.0859

Sweetspot

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



190.7140, -20.0720, -48.8612



242.7670, -6.7871, -16.4587



212.3260, -38.1217, 0.5911



120.9080, -3.8986, -9.5663



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.



190.7140, -20.0720, -48.8612



205.6550, -27.4379, -66.3494



195.8440, -0.4161, -53.3602



110.2720, -2.5991, -6.3775



108.3790, -39.1338, -95.0484



30.8490, -11.2646, -27.0546

Inverse Universe

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



171.2860, 20.0720, 48.8612



179.3450, 27.4379, 66.3494



166.1560, 0.4161, 53.3602



107.7280, 2.5991, 6.3775



70.5070, 38.6970, 95.1484



20.1510, 11.2646, 27.0546

Previews

White Background



This preview shows how the YUV color 190.7140, -20.0720, -48.8612 looks on a white background.

Color Contrast Check

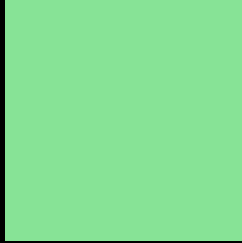
Large Text (above 18pt) WCAG AA × Fail

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 190.7140, -20.0720, -48.8612 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

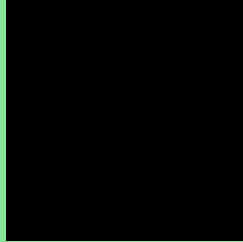
Any Text WCAG AA ✓ Pass

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 190.7140, -20.0720, -48.8612 Background



This preview shows how black text looks on a background with the YUV color 190.7140, -20.0720, -48.8612.



This preview shows how white text looks on a background with the YUV color 190.7140, -20.0720, -48.8612.

-48.8612.

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

190.7140, -20.0720, -48.8612

Protanopia

203.6730, -30.8978, 16.9498

Deuteranopia

205.8950, -24.1052, 31.6641



Tritanopia

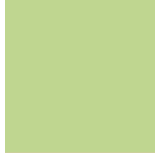
199.8020, 16.8596, -41.0454

Trichromacy



Original Color

190.7140, -20.0720, -48.8612



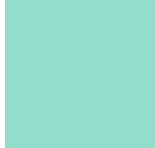
Protanomaly

199.1430, -27.1855, -7.1414



Deuteranomaly

200.3490, -22.8501, 2.3249



Tritanomaly

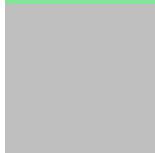
196.5230, 3.1932, -44.3087

Monochromacy



Original Color

190.7140, -20.0720, -48.8612



Achromatopsia

191.0000, 0.0000, 0.0000



Achromatomaly

190.9410, -7.3659, -17.4883

CSS Examples

Text

The CSS property to change the color of the text to YUV 190.7140, -20.0720, -48.8612 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(135, 227, 150)` looks like.

```
.text, #text, p{  
    color:rgb(135, 227, 150)  
}
```

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(135, 227, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 227, 150) }
```

Border

The CSS property to change the border of an element to YUV 190.7140, -20.0720, -48.8612 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(135, 227, 150) }
```


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

```
.border{ border-color:rgb(135, 227, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 227, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 227, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 227, 150);  
box-shadow:4px 4px 4px 4px rgb(135, 227,  
150) }
```

Background

The CSS property to change the background color of an element to YUV 190.7140, -20.0720, -48.8612 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 227, 150) }
```

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

```
.background{ background-color: rgb(135,  
227, 150) }
```

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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