

Converting Colors

YUV(192.3710, 20.5231,
-49.4374)

Have a look what the booklet for
YUV(192.3710, 20.5231, -49.4374)
contains.

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Color

**YUV(192.3710, 20.5231,
-49.4374)**

Conversions

Conversions Part 1

Format	Color
Hex	88D5EA
RGB	136, 213, 234
RGB Percent	53%, 84%, 92%
CMY	0.4667, 0.1647, 0.0824
CMYK	0.42, 0.09, 0.00, 0.08
HSL	193°, 70%, 73%
HSV	193°, 42%, 92%
XYZ	48.7989, 58.7633, 86.6124
YIQ	192.3710, -52.6330, -9.7930

Conversions

Conversions Part 2

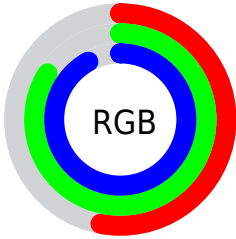
Format	Color
RYB	136, 179, 234
Decimal	8967658
CIELab	81.16, -18.43, -17.79
CIELCh	81, 25.617, 223.992
Yxy	58.7633, 0.2513, 0.3026
Android (android.graphics.Color)	4287157738 (0xFF88D5EA)
YUV	192.3710, 20.5231, -49.4374
Hunter-Lab	76.6572, -20.5195, -13.3297

Details

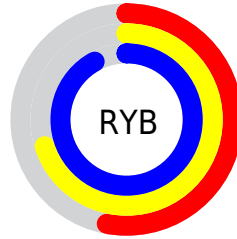
The YUV color **192.3710, 20.5231, -49.4374** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **177.6290, -20.5231, 49.4374**, and the grayscale version is **192.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **236.4620, 9.1392, -38.1162**, and **136.6590, 20.3811, -50.5669** is the 20% darker color. If you saturate the color by 10%, you get **182.5590, 25.3604, -61.0032**, and if you desaturate by 10%, it is **202.1830, 15.6858, -37.8715**.

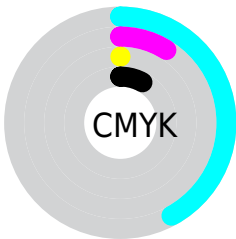
Distribution



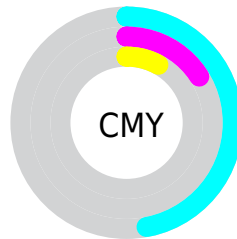
- Red (53%)
- Green (84%)
- Blue (92%)



- Red (53%)
- Yellow (70%)
- Blue (92%)



- Cyan (42%)
- Magenta (9%)
- Yellow (0%)
- Black (8%)



- Cyan (47%)
- Magenta (16%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YUV color 192.3710, 20.5231, -49.4374 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 192.3710, 20.5231, -49.4374 by changing the saturation by 10% instead.

■ 192.3710, 20.5231,
-49.4374

■ 192.3710, 20.5231,
-49.4374

255.0000, 0.0000,
0.0000

■ 164.3710, 20.5231,
-49.4374

■ 236.4620, 9.1392,
-38.1162

■ 136.6590, 20.3811,
-50.5669

■ 245.1330, 4.8644,
-20.2876

■ 109.4630, 20.9707,
-53.0261

■ 254.1030, 0.4422,
-1.8443

■ 78.3690, 23.4821,
-65.2216

■ 59.6480, 20.3865,
-52.3113

■ 43.4110, 16.5594,
-38.0714

■ 27.8750, 12.8796,

-24.4464

■ 9.6320, 11.5204,
-8.4473

■ 0.6840, 2.6208,
-0.5999

■ 192.3710, 20.5231,
-49.4374

■ 192.3710, 20.5231,
-49.4374

■ 182.5590, 25.3604,
-61.0032

■ 202.1830, 15.6858,
-37.8715

■ 172.4480, 30.3451,
-73.1839

■ 212.2940, 10.7011,
-25.6908

■ 162.6360, 35.1825,
-84.7498

■ 222.1060, 5.8637,
-14.1250

■ 152.5250, 40.1672,
-96.9304

■ 232.2170, 0.8790,
-1.9443

■ 142.7130, 45.0045,
-108.4963

■ 242.0290, -3.9583,
9.6216

■ 134.6840, 48.9628,
-118.1179

■ 245.5620, -5.7001,
8.2771

■ 248.4970, -7.1470,
5.7031

■ 251.4320, -8.5940,
3.1291

■ 252.6060, -9.1728,
2.0995

Harmonies

Analogous

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



191.0370, 10.3348, -48.2674



192.3710, 20.5231, -49.4374



197.1970, 24.5529, -35.2528

Triad

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



192.3710, 20.5231, -49.4374



206.0500, 4.4124, 31.5282



199.6100, -21.9927, 7.3580

Complementary

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



192.3710, 20.5231, -49.4374



177.6290, -20.5231, 49.4374

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.



201.9050, -22.6312, 25.5163



192.3710, 20.5231, -49.4374



205.4180, -7.1081, 39.9754

Square

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



192.3710, 20.5231, -49.4374



205.0890, 15.2391, 12.1999



203.4750, -16.9962, 38.1714



196.4270, -14.5075, -13.5295

Rectangle

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



192.3710, 20.5231, -49.4374



200.4700, 23.9253, -20.5832



203.4750, -16.9962, 38.1714



200.1270, -22.7406, 13.9206

Sweetspot

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



192.3710, 20.5231, -49.4374



241.0240, 6.8902, -16.6840



195.8060, -19.6244, -52.4499



118.7860, 4.5425, -10.3363



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.



192.3710, 20.5231, -49.4374



201.1780, 26.5342, -64.1771



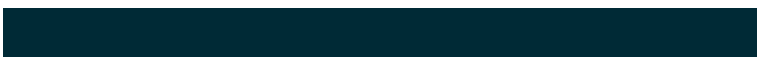
164.1950, 34.4139, -24.7270



112.5370, 2.2003, -5.7329



103.9880, 37.9669, -91.1975



30.8100, 11.4327, -27.0204

Inverse Universe

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



174.0800, 19.1876, 52.5498



177.3730, 24.9591, 68.0789



205.8050, -34.4139, 24.7270



110.3150, 2.3097, 5.8627



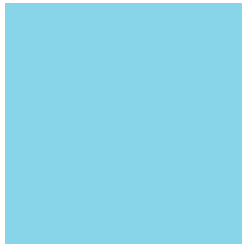
70.3070, 35.3446, 97.0778



20.9340, 10.3855, 28.9989

Previews

White Background



This preview shows how the YUV color 192.3710, 20.5231, -49.4374 looks on a white background.

Color Contrast Check

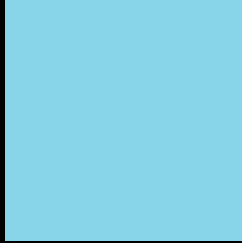
Large Text (above 18pt) WCAG AA × Fail

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 192.3710, 20.5231, -49.4374 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 192.3710, 20.5231, -49.4374

Background



This preview shows how black text looks on a background with the YUV color 192.3710, 20.5231, -49.4374.



This preview shows how white text looks on a background with the YUV color 192.3710, 20.5231, -49.4374.

-49.4374.

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

192.3710, 20.5231, -49.4374

Protanopia

201.3660, 11.6516, -3.8290

Deuteranopia

202.5820, 17.4611, -0.5104



Tritanopia

192.3170, 19.0707, -50.2670

Trichromacy



Original Color

192.3710, 20.5231, -49.4374

Protanomaly

198.0650, 14.7580, -20.2280

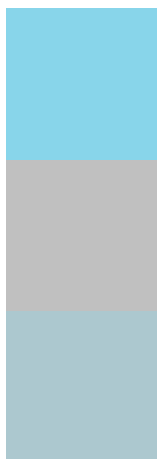
Deuteranomaly

198.8140, 18.8257, -18.2539

Tritanomaly

192.4310, 19.5075, -50.3670

Monochromacy



Original Color

192.3710, 20.5231, -49.4374

Achromatopsia

192.0000, 0.0000, 0.0000

Achromatomaly

192.4260, 7.1850, -17.9136

CSS Examples

Text

The CSS property to change the color of the text to YUV 192.3710, 20.5231, -49.4374 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(136, 213, 234)` looks like.

```
.text, #text, p{  
    color:rgb(136, 213, 234)  
}
```

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(136, 213, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 213, 234) }
```

Border

The CSS property to change the border of an element to YUV 192.3710, 20.5231, -49.4374 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(136, 213, 234) }
```


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

```
.border{ border-color:rgb(136, 213, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 213, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 213, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 213, 234);  
box-shadow:4px 4px 4px 4px rgb(136, 213,  
234) }
```

Background

The CSS property to change the background color of an element to YUV 192.3710, 20.5231, -49.4374 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 213, 234) }
```

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

```
.background{ background-color: rgb(136,  
213, 234) }
```

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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