

Converting Colors

YUV(191.4410, 20.9816,
-56.5148)

Have a look what the booklet for
YUV(191.4410, 20.9816, -56.5148)
contains.

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Color

**YUV(191.4410, 20.9816,
-56.5148)**

Conversions

Conversions Part 1

Format	Color
Hex	7FD8EA
RGB	127, 216, 234
RGB Percent	50%, 85%, 92%
CMY	0.5020, 0.1529, 0.0824
CMYK	0.46, 0.08, 0.00, 0.08
HSL	190°, 72%, 71%
HSV	190°, 46%, 92%
XYZ	48.1595, 59.5643, 86.8007
YIQ	191.4410, -58.8220, -13.2700

Conversions

Conversions Part 2

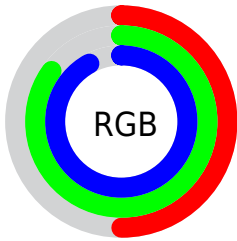
Format	Color
RYB	127, 176, 234
Decimal	8378602
CIELab	81.60, -22.08, -17.17
CIELCh	82, 27.970, 217.868
Yxy	59.5643, 0.2476, 0.3062
Android (android.graphics.Color)	4286568682 (0xFF7FD8EA)
YUV	191.4410, 20.9816, -56.5148
Hunter-Lab	77.1779, -23.6761, -12.6579

Details

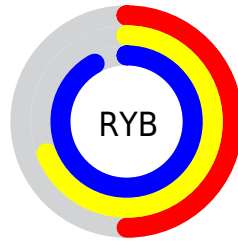
The YUV color **191.4410, 20.9816, -56.5148** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **169.5590, -20.9816, 56.5148**, and the grayscale version is **191.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **234.0700, 10.3185, -43.0344**, and **135.1310, 21.1344, -58.8739** is the 20% darker color. If you saturate the color by 10%, you get **182.2160, 25.5295, -68.5954**, and if you desaturate by 10%, it is **200.6660, 16.4337, -44.4341**.

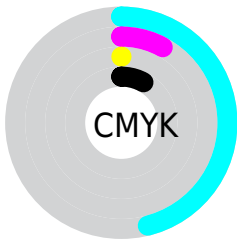
Distribution



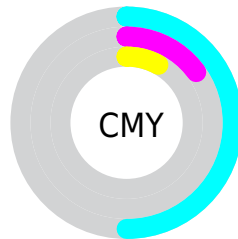
- Red (50%)
- Green (85%)
- Blue (92%)



- Red (50%)
- Yellow (69%)
- Blue (92%)



- Cyan (46%)
- Magenta (8%)
- Yellow (0%)
- Black (8%)



- Cyan (50%)
- Magenta (15%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YUV color 191.4410, 20.9816, -56.5148 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 191.4410, 20.9816, -56.5148 by changing the saturation by 10% instead.

■ 191.4410, 20.9816,
-56.5148

■ 191.4410, 20.9816,
-56.5148

■ 255.0000, 0.0000,
0.0000

■ 163.1420, 21.1290,
-57.1295

■ 234.0700, 10.3185,
-43.0344

■ 135.1310, 21.1344,
-58.8739

■ 242.7410, 6.0437,
-25.2059

■ 106.1410, 22.6085,
-65.0217

■ 251.7110, 1.6215,
-6.7625

■ 78.3470, 23.4929,
-68.7103

■ 61.4090, 19.5184,
-53.8557

■ 44.5850, 15.9806,
-39.1010

■ 29.0490, 12.3008,

-25.4760

■ 11.3930, 10.6523,
-9.9917

■ 0.7980, 3.0576,
-0.6998

■ 191.4410, 20.9816,
-56.5148

■ 191.4410, 20.9816,
-56.5148

■ 182.2160, 25.5295,
-68.5954

■ 200.6660, 16.4337,
-44.4341

■ 172.6920, 30.2248,
-81.2909

■ 210.1900, 11.7383,
-31.7386

■ 163.4670, 34.7728,
-93.3716

■ 219.4150, 7.1904,
-19.6580

■ 153.9430, 39.4681,
-106.0670

■ 228.9390, 2.4951,
-6.9625

■ 144.7180, 44.0160,
-118.1477

■ 238.1640, -2.0529,
5.1182

■ 141.1410, 45.7795,
-123.7807

■ 243.8010, -4.8319,
9.8215

■ 246.1490, -5.9895,
7.7623

■ 247.9100, -6.8576,
6.2179

■ 250.2580, -8.0152,
4.1587

Harmonies

Analogous

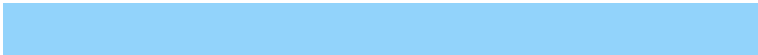
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



191.5590, 8.5984, -51.3562



191.4410, 20.9816, -56.5148



196.1250, 27.0534, -43.9596

Triad

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



191.4410, 20.9816, -56.5148



206.9620, 7.9067, 30.7283



200.6600, -24.4824, 12.5762

Complementary

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



191.4410, 20.9816, -56.5148



169.5590, -20.9816, 56.5148

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.



203.5960, -23.9578, 31.0493



191.4410, 20.9816, -56.5148



206.7110, -4.7875, 42.3495

Square

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



191.4410, 20.9816, -56.5148



206.2780, 18.5969, 8.5262



205.3230, -16.4282, 42.6897



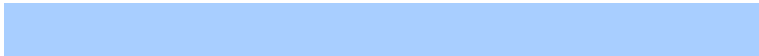
197.8250, -18.1547, -10.3705

Rectangle

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



191.4410, 20.9816, -56.5148



200.2240, 27.0046, -28.2604



205.3230, -16.4282, 42.6897



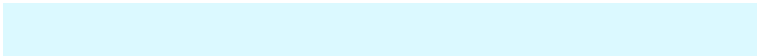
201.5900, -24.9409, 19.6536

Sweetspot

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



191.4410, 20.9816, -56.5148



240.7140, 7.0430, -19.0432



191.8610, -23.1025, -56.8831



119.0740, 4.4005, -11.4659



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.



191.4410, 20.9816, -56.5148



199.0520, 27.5824, -73.7136



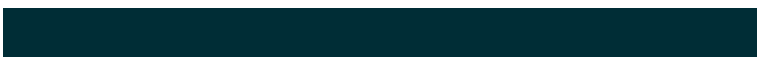
160.3300, 36.3193, -29.2304



112.5370, 2.2003, -5.7329



109.2710, 35.3624, -95.8307



32.5710, 10.5645, -28.5648

Inverse Universe

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



169.1390, 23.1025, 56.8831



170.0840, 30.0316, 74.4713



200.6700, -36.3193, 29.2304



110.3150, 2.3097, 5.8627



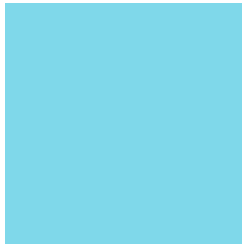
71.3330, 39.2758, 96.1780



21.2760, 11.6959, 28.6989

Previews

White Background



This preview shows how the YUV color 191.4410, 20.9816, -56.5148 looks on a white background.

Color Contrast Check

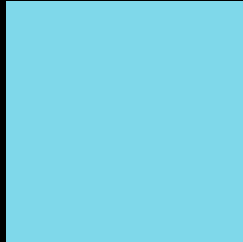
Large Text (above 18pt) WCAG AA × Fail

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 191.4410, 20.9816, -56.5148 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

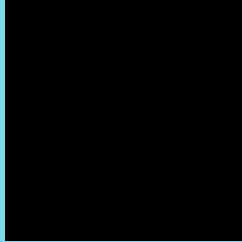
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 191.4410, 20.9816, -56.5148

Background



This preview shows how black text looks on a background with the YUV color 191.4410, 20.9816, -56.5148.



This preview shows how white text looks on a background with the YUV color 191.4410, 20.9816, -56.5148.

-56.5148.

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

191.4410, 20.9816, -56.5148

Protanopia

202.4370, 10.6306, -3.0142

Deuteranopia

203.7670, 16.8769, 0.2043



Tritanopia

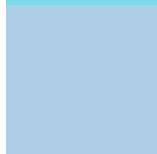
191.4410, 20.9816, -56.5148

Trichromacy



Original Color

191.4410, 20.9816, -56.5148



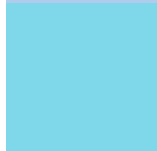
Protanomaly

198.6410, 14.4740, -22.4872



Deuteranomaly

199.3900, 18.5417, -20.5130



Tritanomaly

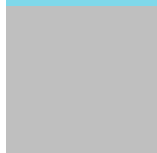
191.4410, 20.9816, -56.5148

Monochromacy



Original Color

191.4410, 20.9816, -56.5148



Achromatopsia

191.0000, 0.0000, 0.0000



Achromatomaly

191.2300, 7.7746, -20.3727

CSS Examples

Text

The CSS property to change the color of the text to YUV 191.4410, 20.9816, -56.5148 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(127, 216, 234)` looks like.

```
.text, #text, p{  
    color:rgb(127, 216, 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(127, 216, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 216, 234) }
```

Border

The CSS property to change the border of an element to YUV 191.4410, 20.9816, -56.5148 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(127, 216, 234) }
```


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

```
.border{ border-color:rgb(127, 216, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 216, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(127, 216, 234); -webkit-box-shadow:4px 4px 4px 4px rgb(127, 216, 234); box-shadow:4px 4px 4px 4px rgb(127, 216, 234) }
```

Background

The CSS property to change the background color of an element to YUV 191.4410, 20.9816, -56.5148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 216, 234) }
```

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

```
.background{ background-color: rgb(127,  
216, 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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