

Converting Colors

YUV(113.0370, 20.1948,
-84.2244)

Have a look what the booklet for
YUV(113.0370, 20.1948, -84.2244)
contains.

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Color

**YUV(113.0370, 20.1948,
-84.2244)**

Conversions

Conversions Part 1

Format	Color
Hex	119A9A
RGB	17, 154, 154
RGB Percent	7%, 60%, 60%
CMY	0.9333, 0.3961, 0.3961
CMYK	0.89, 0.00, 0.00, 0.40
HSL	180°, 80%, 34%
HSV	180°, 89%, 60%
XYZ	17.6195, 25.5635, 34.5774
YIQ	113.0370, -81.6520, -29.0440

Conversions

Conversions Part 2

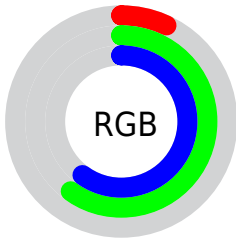
Format	Color
RYB	17, 86, 154
Decimal	1153690
CIELab	57.62, -32.23, -9.52
CIELCh	58, 33.611, 196.451
Yxy	25.5635, 0.2266, 0.3287
Android (android.graphics.Color)	4279343770 (0xFF119A9A)
YUV	113.0370, 20.1948, -84.2244
Hunter-Lab	50.5603, -26.2760, -5.1553

Details

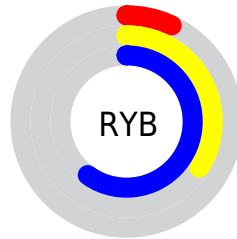
The YUV color **113.0370, 20.1948, -84.2244** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **57.9630, -20.1948, 84.2244**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **174.8000, 16.3676, -69.9846**, and **71.6160, 15.4723, -62.8072** is the 20% darker color. If you saturate the color by 10%, you get **108.5520, 22.4059, -93.4461**, and if you desaturate by 10%, it is **117.5220, 17.9837, -75.0028**.

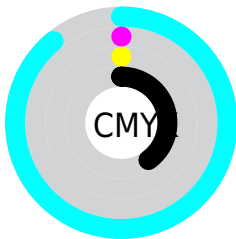
Distribution



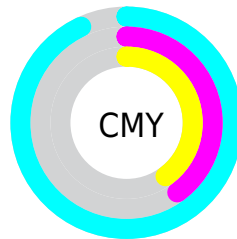
- Red (7%)
- Green (60%)
- Blue (60%)



- Red (7%)
- Yellow (34%)
- Blue (60%)



- Cyan (89%)
- Magenta (0%)
- Yellow (0%)
- Black (40%)



- Cyan (93%)
- Magenta (40%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 113.0370, 20.1948, -84.2244 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 113.0370, 20.1948, -84.2244 by changing the saturation by 10% instead.

■ 113.0370, 20.1948,
-84.2244

■ 113.0370, 20.1948,
-84.2244

■ 255.0000, 0.0000,
0.0000

■ 89.7280, 18.8681,
-78.6915

■ 174.8000, 16.3676,
-69.9846

■ 71.6160, 15.4723,
-62.8072

■ 203.5120, 16.5096,
-68.8550

■ 54.7920, 11.9345,
-48.0526

■ 225.1000, 14.7407,
-61.4777

■ 38.0820, 8.8336,
-33.3979

■ 233.7710, 10.4659,
-43.6492

■ 23.9480, 5.4486,
-21.0024

■ 242.7410, 6.0437,
-25.2059

■ 2.0690, 5.3890,
-1.8145

■ 251.7110, 1.6215,

■ 0.0000, 0.0000,

-6.7625

0.0000

■ 113.0370, 20.1948,
-84.2244

■ 113.0370, 20.1948,
-84.2244

■ 108.5520, 22.4059,
-93.4461

■ 117.5220, 17.9837,
-75.0028

■ 107.9540, 22.7007,
-94.6757

■ 122.3060, 15.6251,
-65.1664

■ 126.7910, 13.4140,
-55.9447

■ 131.5750, 11.0555,
-46.1083

■ 136.0600, 8.8444,
-36.8866

■ 140.5450, 6.6333,
-27.6650

■ 145.3290, 4.2748,
-17.8285

■ 149.8140, 2.0637,
-8.6069

■ 154.5980, -0.2948,
1.2296

Harmonies

Analogous

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



124.8770, -0.4324, -48.1271



113.0370, 20.1948, -84.2244



109.1570, 34.9256, -95.7307

Triad

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



113.0370, 20.1948, -84.2244



142.2190, 18.1330, 17.3479



137.2490, -27.7308, 27.8456

Complementary

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



113.0370, 20.1948, -84.2244



57.9630, -20.1948, 84.2244

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.



139.1830, -20.7962, 43.6895



113.0370, 20.1948, -84.2244



142.0340, 5.4062, 39.4352

Square

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



113.0370, 20.1948, -84.2244



138.5400, 27.8348, -14.5056



140.7180, -8.7350, 48.4823



134.7470, -26.4973, 5.4839

Rectangle

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



113.0370, 20.1948, -84.2244



123.7140, 33.6650, -64.6472



140.7180, -8.7350, 48.4823



138.3360, -26.2946, 33.9083

Sweetspot

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



113.0370, 20.1948, -84.2244



184.8540, 7.9600, -33.1980



97.4190, -39.6466, -70.5275



92.1330, 4.8644, -20.2876



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



113.0370, 20.1948, -84.2244



140.9010, 29.6288, -123.5702



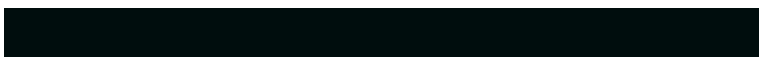
73.1210, 39.8733, -49.2181



74.6080, 1.1793, -4.9182



98.1400, 20.6370, -86.0688



9.1130, 1.9163, -7.9921

Inverse Universe

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



73.5810, 39.6466, 70.5275



83.0130, 58.1676, 103.4746



98.4660, -40.1627, 48.7033



72.3040, 2.3151, 4.1184



57.8200, 40.5147, 72.0719



5.3690, 3.7621, 6.6924

Previews

White Background



This preview shows how the YUV color 113.0370, 20.1948, -84.2244 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 113.0370, 20.1948, -84.2244 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

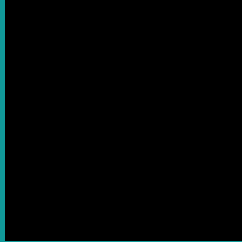
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 113.0370, 20.1948, -84.2244

Background



This preview shows how black text looks on a background with the YUV color 113.0370, 20.1948, -84.2244.

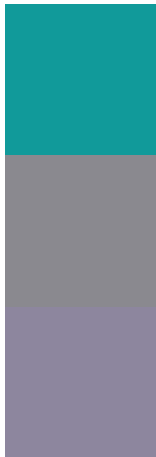


This preview shows how white text looks on a background with the YUV color 113.0370, 20.1948, -84.2244.

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

113.0370, 20.1948, -84.2244

Protanopia

137.9830, 2.4734, 0.0149

Deuteranopia

138.8290, 9.4513, 1.9040



Tritanopia

117.6020, 23.3672, -75.0730

Trichromacy



Original Color

113.0370, 20.1948, -84.2244

Protanomaly

128.8050, 8.9701, -30.5240

Deuteranomaly

129.3690, 13.6221, -29.2646

Tritanomaly

116.2380, 22.0677, -78.2617

Monochromacy



Original Color

113.0370, 20.1948, -84.2244

Achromatopsia

113.0000, 0.0000, 0.0000

Achromatomaly

113.0500, 7.3704, -30.7388

CSS Examples

Text

The CSS property to change the color of the text to YUV 113.0370, 20.1948, -84.2244 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(17, 154, 154)` looks like.

```
.text, #text, p{  
    color:rgb(17, 154, 154)  
}
```

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(17, 154, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(17, 154, 154) }
```

Border

The CSS property to change the border of an element to YUV 113.0370, 20.1948, -84.2244 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(17, 154, 154) }
```


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

```
.border{ border-color:rgb(17, 154, 154) }
```

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

Here you see how a box with a 4 pixel rgb(17, 154, 154) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(17, 154, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(17, 154, 154);  
box-shadow:4px 4px 4px 4px rgb(17, 154,  
154) }
```

Background

The CSS property to change the background color of an element to YUV 113.0370, 20.1948, -84.2244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(17, 154, 154) }
```

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

```
.background{ background-color: rgb(17, 154,  
154) }
```

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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