

Converting Colors

YUV(19.9350, 35.5280, -8.7130)

Have a look what the booklet for
YUV(19.9350, 35.5280, -8.7130)
contains.

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Color

**YUV(19.9350, 35.5280,
-8.7130)**

Conversions

Conversions Part 1

Format	Color
Hex	0A0B5C
RGB	10, 11, 92
RGB Percent	4%, 4%, 36%
CMY	0.9608, 0.9569, 0.6392
CMYK	0.89, 0.88, 0.00, 0.64
HSL	239°, 80%, 20%
HSV	239°, 89%, 36%
XYZ	2.1766, 1.0766, 10.2183
YIQ	19.9350, -26.5970, 24.9790

Conversions

Conversions Part 2

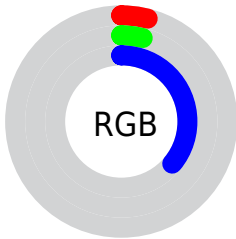
Format	Color
RYB	10, 11, 92
Decimal	658268
CIELab	9.61, 31.58, -46.73
CIELCh	10, 56.399, 304.056
Yxy	1.0766, 0.1616, 0.0799
Android (android.graphics.Color)	4278848348 (0xFF0A0B5C)
YUV	19.9350, 35.5280, -8.7130
Hunter-Lab	10.3758, 19.2875, -51.1267

Details

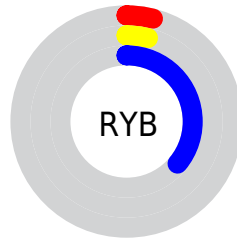
The YUV color **19.9350, 35.5280, -8.7130** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **82.0650, -35.5280, 8.7130**, and the grayscale version is **20.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **70.1150, 35.9323, 1.6531**, and **6.8910, 18.7877, -6.0434** is the 20% darker color. If you saturate the color by 10%, you get **11.9610, 39.4592, -9.6128**, and if you desaturate by 10%, it is **27.9090, 31.5969, -7.8132**.

Distribution



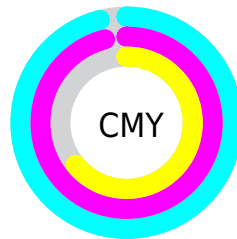
- Red (4%)
- Green (4%)
- Blue (36%)



- Red (4%)
- Yellow (4%)
- Blue (36%)



- Cyan (89%)
- Magenta (88%)
- Yellow (0%)
- Black (64%)



- Cyan (96%)
- Magenta (96%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 19.9350, 35.5280, -8.7130 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 19.9350, 35.5280, -8.7130 by changing the saturation by 10% instead.

■ 19.9350, 35.5280,
-8.7130

■ 19.9350, 35.5280,
-8.7130

■ 244.4340, 5.2090,
9.2664

■ 7.7520, 29.7023,
-6.7985

■ 70.1150, 35.9323,
1.6531

■ 6.8910, 18.7877,
-6.0434

■ 94.7670, 37.0899,
3.7123

■ 3.2090, 9.7570,
-2.8143

■ 120.1200, 38.3948,
5.1568

■ 0.0000, 0.0000,
0.0000

■ 146.9460, 38.9736,
6.1864

■ 173.8860, 39.9892,
7.1160

■ 198.4060, 27.9008,

11.0449

■ 222.9260, 15.8125,
14.9739

■ 19.9350, 35.5280,
-8.7130

■ 19.9350, 35.5280,
-8.7130

■ 11.9610, 39.4592,
-9.6128

■ 27.9090, 31.5969,
-7.8132

■ 11.0750, 39.8960,
-9.7128

■ 35.8830, 27.6657,
-6.9134

■ 44.1560, 23.5871,
-5.3988

■ 52.1300, 19.6559,
-4.4990

■ 60.1040, 15.7247,
-3.5992

■ 68.6650, 11.5042,
-3.2142

■ 76.6390, 7.5730,
-2.3144

■ 84.9120, 3.4944,
-0.7998

■ 92.8860, -0.4368,
0.1000

Harmonies

Analogous

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



31.4550, 36.7507, -27.5860



19.9350, 35.5280, -8.7130



28.4820, 16.0314, 38.1653

Triad

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



19.9350, 35.5280, -8.7130



21.7500, -10.7227, 32.6683



27.0140, 1.9651, -23.6913

Complementary

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



19.9350, 35.5280, -8.7130



82.0650, -35.5280, 8.7130

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.



22.8930, -11.2862, -20.0772



19.9350, 35.5280, -8.7130



25.4060, -12.5252, 4.0289

Square

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



19.9350, 35.5280, -8.7130



23.6210, -11.6452, 48.5674



21.1320, -10.4181, -18.5328



31.9330, 18.2740, -28.0052

Rectangle

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



19.9350, 35.5280, -8.7130



29.2200, 3.3425, 48.0421



21.1320, -10.4181, -18.5328



24.8310, -3.8607, -21.7768

Sweetspot

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



19.9350, 35.5280, -8.7130



91.3490, 14.1249, -3.8141



67.3680, 11.6506, -50.3117



44.1660, 8.2992, -1.8996



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



19.9350, 35.5280, -8.7130



14.2670, 52.1264, -12.5122



31.3080, 29.9212, 16.3929



41.5700, 2.1840, -0.4999



13.1270, 47.7584, -11.5124



28.7790, 102.6530, -25.2392

Inverse Universe

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



34.6320, -11.6506, 50.3117



35.9940, -17.2520, 73.6733



70.6920, -29.9212, -16.3929



42.4950, -0.7370, 3.0739



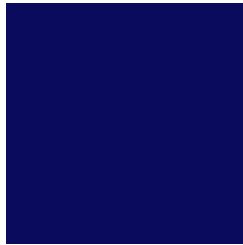
33.0040, -15.7780, 67.5255



71.2050, -33.6251, 145.4022

Previews

White Background



This preview shows how the YUV color 19.9350, 35.5280, -8.7130 looks on a white background.

Color Contrast Check

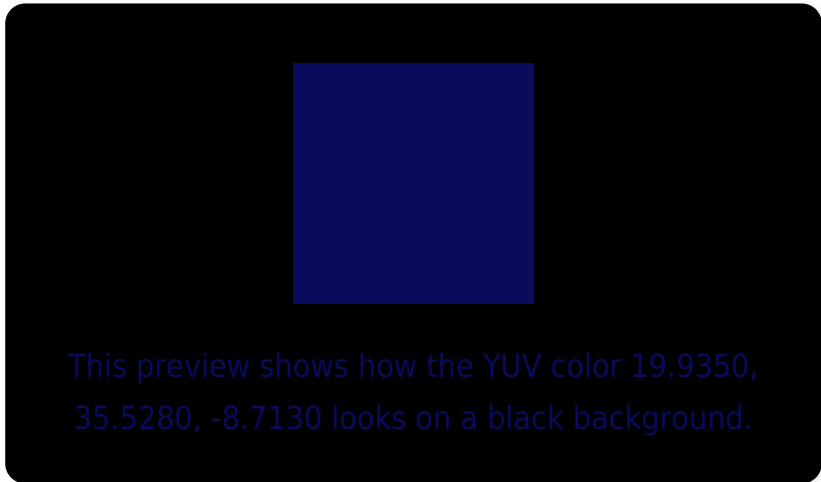
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

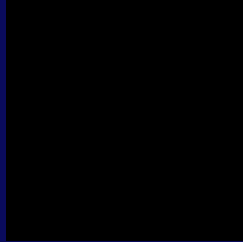
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 19.9350, 35.5280, -8.7130

Background



This preview shows how black text looks on a background with the YUV color 19.9350, 35.5280, -8.7130.



This preview shows how white text looks on a background with the YUV color 19.9350, 35.5280,

-8.7130.

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

19.9350, 35.5280, -8.7130

Protanopia

23.1620, 17.6681, -20.3131

Deuteranopia

23.3100, 13.1582, -20.4429



Tritanopia

23.2470, 5.3012, -20.3876

Trichromacy



Original Color

19.9350, 35.5280, -8.7130

Protanomaly

22.2040, 24.0564, -15.9649

Deuteranomaly

22.1070, 21.1462, -15.8798

Tritanomaly

22.1410, 16.1995, -15.9097

Monochromacy



Original Color

19.9350, 35.5280, -8.7130

Achromatopsia

20.0000, 0.0000, 0.0000

Achromatomaly

20.0070, 12.8145, -3.5141

CSS Examples

Text

The CSS property to change the color of the text to YUV 19.9350, 35.5280, -8.7130 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(10, 11, 92)` looks like.

```
.text, #text, p{  
    color:rgb(10, 11, 92)  
}
```

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(10, 11, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(10, 11, 92) }
```

Border

The CSS property to change the border of an element to YUV 19.9350, 35.5280, -8.7130 is called "border". The border property can be set on classes, ids or directly on the HTML element.

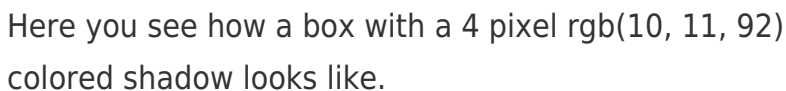
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(10, 11, 92) }
```


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

```
.border{ border-color:rgb(10, 11, 92) }
```

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



Here you see how a box with a 4 pixel `rgb(10, 11, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(10, 11, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(10, 11, 92);  
box-shadow:4px 4px 4px 4px rgb(10, 11, 92)  
}
```

Background

The CSS property to change the background color of an element to YUV 19.9350, 35.5280, -8.7130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(10, 11, 92) }
```

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

```
.background{ background-color: rgb(10, 11,  
92) }
```

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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