

Converting Colors

YUV(15.1890, 20.1198,
-13.3208)

Have a look what the booklet for
YUV(15.1890, 20.1198, -13.3208)
contains.

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Color

**YUV(15.1890, 20.1198,
-13.3208)**

Conversions

Conversions Part 1

Format	Color
Hex	000F38
RGB	0, 15, 56
RGB Percent	0%, 6%, 22%
CMY	1.0000, 0.9412, 0.7804
CMYK	1.00, 0.73, 0.00, 0.78
HSL	224°, 100%, 11%
HSV	224°, 100%, 22%
XYZ	0.8846, 0.6272, 3.8158
YIQ	15.1890, -22.1010, 9.5710

Conversions

Conversions Part 2

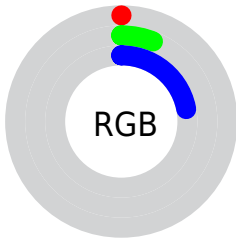
Format	Color
R _Y B	0, 12, 56
Decimal	3896
CIE Lab	5.67, 11.79, -28.10
CIE LCh	6, 30.469, 292.765
Yxy	0.6272, 0.1660, 0.1177
Android (android.graphics.Color)	4278193976 (0xFF000F38)
YUV	15.1890, 20.1198, -13.3208
Hunter-Lab	7.9194, 6.0803, -23.0241

Details

The YUV color **15.1890, 20.1198, -13.3208** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **40.8110, -20.1198, 13.3208**, and the grayscale version is **15.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **60.8630, 21.2665, -7.7729**, and **0.9120, 3.4944, -0.7998** is the 20% darker color. If you saturate the color by 10%, you get **15.1890, 20.1198, -13.3208**, and if you desaturate by 10%, it is **19.3310, 18.0778, -11.6913**.

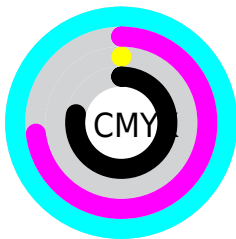
Distribution



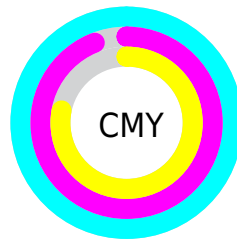
- Red (0%)
- Green (6%)
- Blue (22%)



- Red (0%)
- Yellow (5%)
- Blue (22%)



- Cyan (100%)
- Magenta (73%)
- Yellow (0%)
- Black (78%)



- Cyan (100%)
- Magenta (94%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 15.1890, 20.1198, -13.3208 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 15.1890, 20.1198, -13.3208 by changing the saturation by 10% instead.

■ 15.1890, 20.1198,
-13.3208

■ 15.1890, 20.1198,
-13.3208

■ 239.3510, 7.7150,
-1.1848

■ 5.0500, 14.2723,
-4.4289

■ 60.8630, 21.2665,
-7.7729

■ 0.9120, 3.4944,
-0.7998

■ 84.3900, 21.9927,
-7.3580

■ 0.0000, 0.0000,
0.0000

■ 108.9170, 22.7189,
-6.9432

■ 134.4440, 23.4451,
-6.5284

■ 160.9710, 24.1713,
-6.1136

■ 188.0850, 24.6081,

-6.2135

■ 214.2440, 20.0927,
-4.5990

■ 15.1890, 20.1198,
-13.3208

■ 19.3310, 18.0778,
-11.6913

■ 23.1740, 16.1832,
-10.6766

■ 27.3160, 14.1412,
-9.0471

■ 31.1590, 12.2466,
-8.0324

■ 35.3010, 10.2046,
-6.4030

■ 40.0300, 7.8732,
-5.2883

■ 43.8730, 5.9786,
-4.2736

■ 48.0150, 3.9366,
-2.6442

■ 51.8580, 2.0420,
-1.6295

Harmonies

Analogous

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



20.2270, 19.1151, -17.7391



15.1890, 20.1198, -13.3208



17.1390, 12.7495, 17.4181

Triad

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



15.1890, 20.1198, -13.3208



16.0910, -7.9329, 24.4762



17.5760, -3.7350, -15.4142

Complementary

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



15.1890, 20.1198, -13.3208



40.8110, -20.1198, 13.3208

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.



16.4360, -8.1029, -14.4144



15.1890, 20.1198, -13.3208



18.3620, -9.0525, 10.2065

Square

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



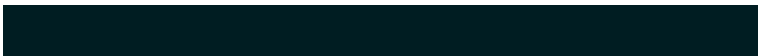
15.1890, 20.1198, -13.3208



15.5480, -7.6652, 31.9684



13.8000, -6.8034, -11.2256



20.8990, 6.4588, -18.3284

Rectangle

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



15.1890, 20.1198, -13.3208



17.5870, 6.6126, 25.7952



13.8000, -6.8034, -11.2256



16.4360, -8.1029, -14.4144

Sweetspot

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



15.1890, 20.1198, -13.3208



58.0300, 7.8732, -5.2883



37.4320, 1.2660, -32.8279



27.9440, 4.9576, -3.4589



166.0000, 0.0000, 0.0000



38.0000, 0.0000, 0.0000

Same Dimension

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



15.1890, 20.1198, -13.3208



20.1760, 26.5352, -17.6944



9.9720, 22.6918, 1.7786



25.9290, 1.0210, -0.8147



25.1630, 32.9506, -22.0680



59.5990, 78.5847, -52.2683

Inverse Universe

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



18.4540, -1.7028, 32.9278



24.4060, -2.1722, 43.4939



46.0280, -22.6918, -1.7786



26.0110, -0.0054, 1.7444



30.3580, -2.6415, 54.0600



72.2070, -6.5111, 128.7375

Previews

White Background



This preview shows how the YUV color 15.1890, 20.1198, -13.3208 looks on a white background.

Color Contrast Check

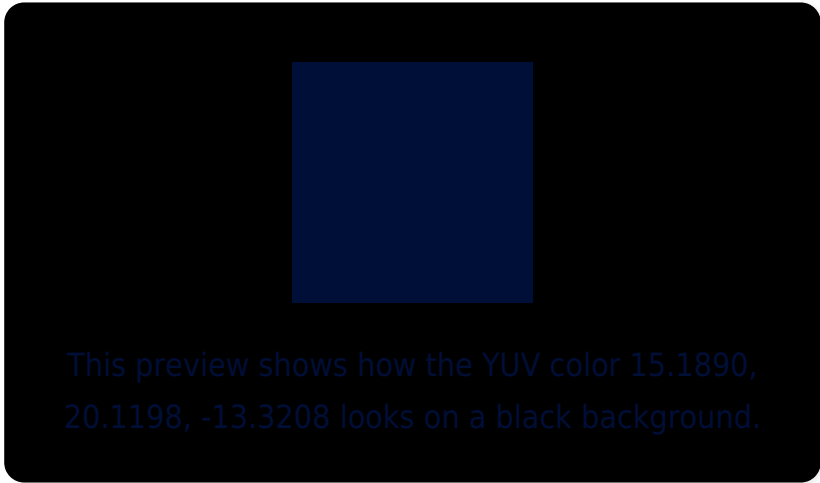
Large Text (above 18pt) WCAG AA ✓ Pass

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

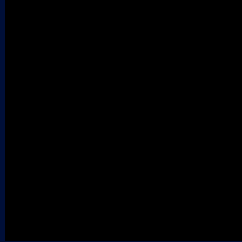
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 15.1890, 20.1198, -13.3208

Background



This preview shows how black text looks on a background with the YUV color 15.1890, 20.1198, -13.3208.



This preview shows how white text looks on a background with the YUV color 15.1890, 20.1198,

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



Deuteranopia

16.4310, 9.6475, -14.4100

Tritanopia

16.2370, 3.8272, -14.2398

Trichromacy



Deuteranomaly

16.0550, 13.2839, -14.0802

Tritanomaly

15.8440, 9.9369, -13.8952

Monochromacy



Achromatopsia

15.0000, 0.0000, 0.0000

Achromatomaly

15.2150, 7.2890, -4.5736

CSS Examples

Text

The CSS property to change the color of the text to YUV 15.1890, 20.1198, -13.3208 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(0, 15, 56)` looks like.

```
.text, #text, p{  
    color:rgb(0, 15, 56)  
}
```

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(0, 15, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 15, 56) }
```

Border

The CSS property to change the border of an element to YUV 15.1890, 20.1198, -13.3208 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(0, 15, 56) }
```

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

```
.border{ border-color:rgb(0, 15, 56) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 15, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 15, 56); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 15, 56); box-shadow:4px  
4px 4px 4px rgb(0, 15, 56) }
```


Background

The CSS property to change the background color of an element to YUV 15.1890, 20.1198, -13.3208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 15, 56) }
```

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

```
.background{ background-color: rgb(0, 15,  
56) }
```

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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