

Converting Colors

YUV(20.6110, -10.1612, -7.5518)

Have a look what the booklet for
YUV(20.6110, -10.1612, -7.5518)
contains.

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Color

**YUV(20.6110, -10.1612,
-7.5518)**

Conversions

Conversions Part 1

Format	Color
Hex	0C1D00
RGB	12, 29, 0
RGB Percent	5%, 11%, 0%
CMY	0.9529, 0.8863, 1.0000
CMYK	0.59, 0.00, 1.00, 0.89
HSL	95°, 100%, 6%
HSV	95°, 100%, 11%
XYZ	0.5910, 0.9569, 0.1536
YIQ	20.6110, -0.8230, -12.6230

Conversions

Conversions Part 2

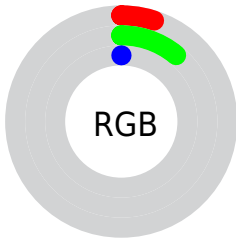
Format	Color
RYB	0, 29, 17
Decimal	793856
CIELab	8.63, -12.98, 12.68
CIELCh	9, 18.142, 135.667
Yxy	0.9569, 0.3473, 0.5624
Android (android.graphics.Color)	4278983936 (0xFF0C1D00)
YUV	20.6110, -10.1612, -7.5518
Hunter-Lab	9.7821, -6.3346, 5.9168

Details

The YUV color **20.6110, -10.1612, -7.5518** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **8.3890, 10.1612, 7.5518**, and the grayscale version is **21.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **64.4690, -8.1192, -9.1813**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **20.6110, -10.1612, -7.5518**, and if you desaturate by 10%, it is **21.5510, -9.1456, -6.6222**.

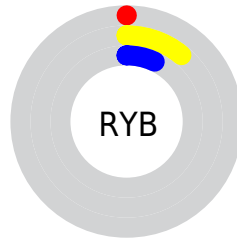
Distribution



Red (5%)

Green (11%)

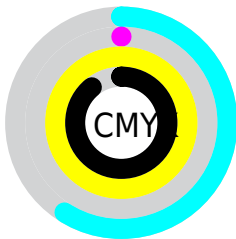
Blue (0%)



Red (0%)

Yellow (11%)

Blue (7%)

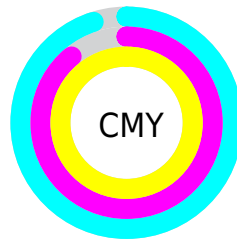


Cyan (59%)

Magenta (0%)

Yellow (100%)

Black (89%)



Cyan (95%)

Magenta (89%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 20.6110, -10.1612, -7.5518 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 20.6110, -10.1612, -7.5518 by changing the saturation by 10% instead.

■ 20.6110, -10.1612,
-7.5518

■ 20.6110, -10.1612,
-7.5518

■ 245.7140, -9.7190,
-9.3962

■ 0.0000, 0.0000,
0.0000

■ 64.4690, -8.1192,
-9.1813

■ 87.3550, -8.5560,
-9.0813

■ 111.9420, -8.8454,
-9.5961

■ 137.4150, -9.5716,
-10.0110

■ 164.0020, -9.8610,
-10.5258

■ 191.0020, -9.8610,

-10.5258

■ 218.8880,
-10.2978, -10.4258

■ 20.6110, -10.1612,
-7.5518

■ 21.5510, -9.1456,
-6.6222

■ 22.1920, -7.9827,
-6.3074

■ 23.1320, -6.9671,
-5.3778

■ 24.0720, -5.9515,
-4.4481

■ 24.7130, -4.7885,
-4.1333

■ 25.5390, -4.2097,
-3.1037

■ 26.4790, -3.1941,
-2.1741

■ 27.4190, -2.1786,
-1.2445

■ 28.0600, -1.0156,
-0.9296

Harmonies

Analogous

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



23.3350, -11.5042, 3.2142



20.6110, -10.1612, -7.5518



20.2490, -1.1088, -17.7584

Triad

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



20.6110, -10.1612, -7.5518



21.9080, 12.8634, -19.2133



24.3230, -3.1172, 19.8877

Complementary

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



20.6110, -10.1612, -7.5518



8.3890, 10.1612, 7.5518

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.



24.9080, 3.0034, 16.7437



20.6110, -10.1612, -7.5518



23.7460, 11.9572, -8.5472

Square

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



20.6110, -10.1612, -7.5518



22.3980, 9.6638, -19.6430



25.8080, 7.9827, 6.3074



23.5480, -11.1162, 18.8134

Rectangle

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



20.6110, -10.1612, -7.5518



21.2750, 2.8224, -18.6582



25.8080, 7.9827, 6.3074



24.8930, -0.9332, 19.3878

Sweetspot

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



20.6110, -10.1612, -7.5518



34.9520, -3.9203, -2.5889



18.6500, -9.1944, 9.0770



18.0060, -2.4680, -1.7593



148.0000, 0.0000, 0.0000



20.0000, 0.0000, 0.0000

Same Dimension

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



20.6110, -10.1612, -7.5518



27.0900, -13.3554, -9.7259



17.2510, -7.5187, -15.1291



14.5870, -0.2894, -0.5148



56.2400, -27.7263, -20.3815



146.9240, -72.4335, -54.3073

Inverse Universe

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



8.3890, 10.1612, 7.5518



10.9100, 13.3554, 9.7259



11.7490, 7.5187, 15.1291



14.4130, 0.2894, 0.5148



22.7600, 27.7263, 20.3815



59.7770, 72.5809, 53.6926

Previews

White Background



This preview shows how the YUV color 20.6110, -10.1612, -7.5518 looks on a white background.

Color Contrast Check

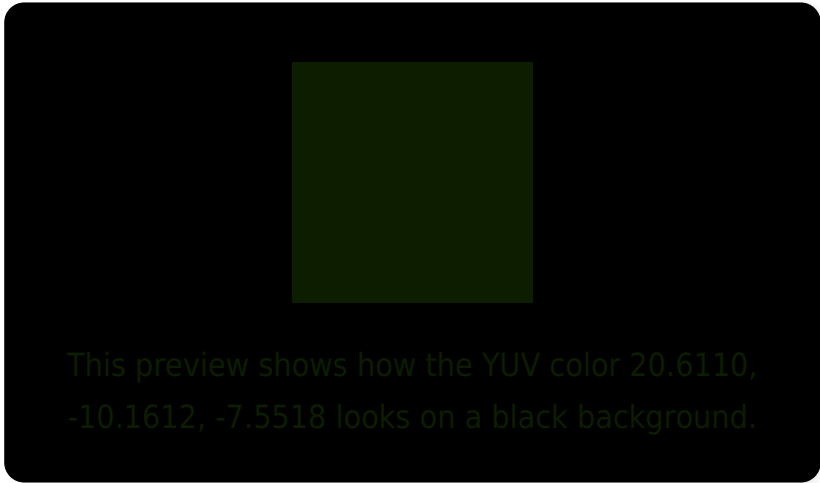
Large Text (above 18pt) WCAG AA ✓ Pass

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

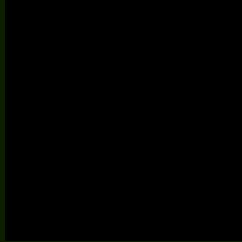
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 20.6110, -10.1612, -7.5518

Background



This preview shows how black text looks on a background with the YUV color 20.6110, -10.1612, -7.5518.



This preview shows how white text looks on a background with the YUV color 20.6110, -10.1612, -7.5518.

-7.5518.

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

20.6110, -10.1612, -7.5518

Protanopia

23.3460, -11.5096, 4.9586

Deuteranopia

24.3400, -9.0416, 6.7178



Tritanopia

24.2380, 2.3477, -6.3477

Trichromacy



Original Color

20.6110, -10.1612, -7.5518

Protanomaly

22.1390, -10.9145, 0.7551

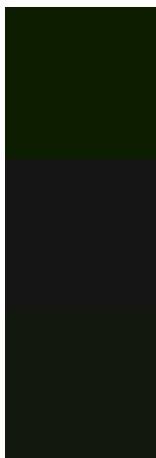
Deuteranomaly

23.1930, -9.4621, 1.5847

Tritanomaly

22.9730, -2.4517, -6.9923

Monochromacy



Original Color

20.6110, -10.1612, -7.5518

Achromatopsia

21.0000, 0.0000, 0.0000

Achromatomaly

20.9520, -3.9203, -2.5889

CSS Examples

Text

The CSS property to change the color of the text to YUV 20.6110, -10.1612, -7.5518 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(12, 29, 0)` looks like.

```
.text, #text, p{  
    color:rgb(12, 29, 0)  
}
```

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(12, 29, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 29, 0) }
```

Border

The CSS property to change the border of an element to YUV 20.6110, -10.1612, -7.5518 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(12, 29, 0) }
```


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

```
.border{ border-color:rgb(12, 29, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(12, 29, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 29, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(12, 29, 0); box-shadow:4px  
4px 4px 4px rgb(12, 29, 0) }
```

Background

The CSS property to change the background color of an element to YUV 20.6110, -10.1612, -7.5518 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 29, 0) }
```

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

```
.background{ background-color: rgb(12, 29,  
0) }
```

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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