

Converting Colors

YUV(150.8000, -20.1144,
11.5764)

Have a look what the booklet for
YUV(150.8000, -20.1144, 11.5764)
contains.

YUV(150.8000, -20.1144, 11.5764)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(150.8000, -20.1144,
11.5764)**

Conversions

Conversions Part 1

Format	Color
Hex	A4986E
RGB	164, 152, 110
RGB Percent	64%, 60%, 43%
CMY	0.3569, 0.4039, 0.5686
CMYK	0.00, 0.07, 0.33, 0.36
HSL	47°, 23%, 54%
HSV	47°, 33%, 64%
XYZ	29.3526, 31.4748, 19.2800
YIQ	150.8000, 20.6340, -10.5180

Conversions

Conversions Part 2

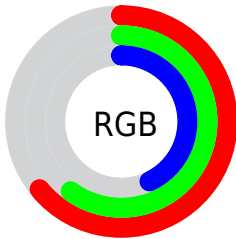
Format	Color
RYB	125, 164, 110
Decimal	10786926
CIELab	62.91, -2.15, 23.74
CIElCh	63, 23.834, 95.171
Yxy	31.4748, 0.3664, 0.3929
Android (android.graphics.Color)	4288977006 (0xFFA4986E)
YUV	150.8000, -20.1144, 11.5764
Hunter-Lab	56.1024, -4.7887, 18.8962

Details

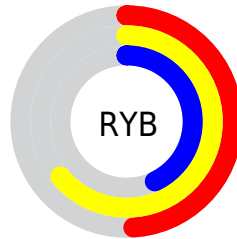
The YUV color **150.8000, -20.1144, 11.5764** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **123.2000, 20.1144, -11.5764**, and the grayscale version is **151.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **205.1700, -21.2828, 13.0059**, and **99.5440, -18.5092, 10.0469** is the 20% darker color. If you saturate the color by 10%, you get **146.6280, -25.9456, 15.2352**, and if you desaturate by 10%, it is **154.9720, -14.2832, 7.9176**.

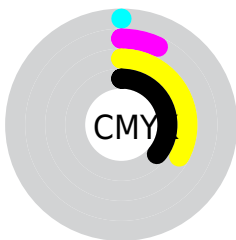
Distribution



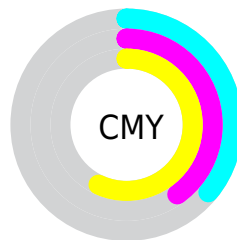
- Red (64%)
- Green (60%)
- Blue (43%)



- Red (49%)
- Yellow (64%)
- Blue (43%)



- Cyan (0%)
- Magenta (7%)
- Yellow (33%)
- Black (36%)



- Cyan (36%)
- Magenta (40%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YUV color 150.8000, -20.1144, 11.5764 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 150.8000, -20.1144, 11.5764 by changing the saturation by 10% instead.

■ 150.8000,
-20.1144, 11.5764

■ 150.8000,
-20.1144, 11.5764

■ 255.0000, 0.0000,
0.0000

■ 124.6150,
-19.5302, 10.8616

■ 205.1700,
-21.2828, 13.0059

■ 99.5440, -18.5092,
10.0469

■ 233.0560,
-21.7196, 13.1059

■ 75.3590, -17.9250,
9.3322

■ 250.6680,
-16.5983, 3.7992

■ 52.8750, -17.1934,
8.0026

■ 253.8600, -4.3680,
0.9998

■ 31.3310, -15.4462,
7.6027

■ 10.3330, -5.0942,
0.5850

■ 0.0000, 0.0000,

0.0000

■ 150.8000,
-20.1144, 11.5764

■ 150.8000,
-20.1144, 11.5764

■ 146.6280,
-25.9456, 15.2352

■ 154.9720,
-14.2832, 7.9176

■ 142.9290,
-32.5030, 18.4793

■ 158.6710, -7.7258,
4.6735

■ 138.7570,
-38.3342, 22.1381

■ 162.8430, -1.8946,
1.0147

■ 134.4710,
-44.6022, 25.8969

■ 167.1290, 4.3734,
-2.7441

■ 130.8860,
-50.7228, 29.0410

■ 170.7140, 10.4940,
-5.8882

■ 126.7140,
-56.5540, 32.6998

■ 174.8860, 16.3252,
-9.5470

■ 124.1720,
-61.2168, 34.9292

■ 179.1720, 22.5932,
-13.3058

■ 182.7570, 28.7138,
-16.4499

■ 186.7010, 33.6714,
-19.9088

Harmonies

Analogous

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



152.8280, -19.1422, 26.4608



150.8000, -20.1144, 11.5764



148.2430, -15.4028, -6.3521

Triad

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



150.8000, -20.1144, 11.5764



142.3560, 16.5865, -46.7932



155.6900, 7.0548, 23.9509

Complementary

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



150.8000, -20.1144, 11.5764



123.2000, 20.1144, -11.5764

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.



154.2730, 16.1344, 5.0226



150.8000, -20.1144, 11.5764



145.7900, 21.7955, -37.5268

Square

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



150.8000, -20.1144, 11.5764



142.6420, 6.0925, -40.9050



151.0960, 21.1517, -17.6242



155.4110, -3.1606, 33.8426

Rectangle

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



150.8000, -20.1144, 11.5764



146.0610, -9.3971, -19.3475



151.0960, 21.1517, -17.6242



155.5690, 10.5655, 17.9180

Sweetspot

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



150.8000, -20.1144, 11.5764



208.6710, -7.7258, 4.6735



127.6280, -2.2816, 31.8982



103.7570, -4.8102, 2.8441



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



150.8000, -20.1144, 11.5764



193.1570, -31.6294, 18.2793



153.6580, -21.5234, -3.2081



79.8000, -3.3524, 1.9294



109.6860, -54.0752, 30.9704



13.6000, -6.7048, 3.8588

Inverse Universe

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



123.2000, 20.1144, -11.5764



149.8430, 31.6294, -18.2793



120.3420, 21.5234, 3.2081



75.2000, 3.3524, -1.9294



35.3140, 54.0752, -30.9704



4.4000, 6.7048, -3.8588

Previews

White Background



This preview shows how the YUV color 150.8000, -20.1144, 11.5764 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 150.8000, -20.1144, 11.5764 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

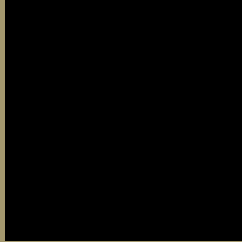
Any Text WCAG AA ✓ Pass

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 150.8000, -20.1144, 11.5764 Background



This preview shows how black text looks on a background with the YUV color 150.8000, -20.1144, 11.5764.



This preview shows how white text looks on a background with the YUV color 150.8000, -20.1144,

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

150.8000, -20.1144, 11.5764

Protanopia

150.8000, -20.1144, 11.5764

Deuteranopia

152.1760, -20.2998, 24.4016



Tritanopia

154.1310, 1.4144, 13.0401

Trichromacy



Original Color

150.8000, -20.1144, 11.5764

Protanomaly

150.8000, -20.1144, 11.5764

Deuteranomaly

151.5560, -19.9941, 19.6834

Tritanomaly

152.7690, -6.2951, 12.4806

Monochromacy



Original Color

150.8000, -20.1144, 11.5764

Achromatopsia

151.0000, 0.0000, 0.0000

Achromatomaly

150.7850, -7.2890, 4.5736

CSS Examples

Text

The CSS property to change the color of the text to YUV 150.8000, -20.1144, 11.5764 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(164, 152, 110)` looks like.

```
.text, #text, p{  
    color:rgb(164, 152, 110)  
}
```

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(164, 152, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 152, 110) }
```

Border

The CSS property to change the border of an element to YUV 150.8000, -20.1144, 11.5764 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(164, 152, 110) }
```


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

```
.border{ border-color:rgb(164, 152, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 152, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 152, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 152, 110);  
box-shadow:4px 4px 4px 4px rgb(164, 152,  
110) }
```

Background

The CSS property to change the background color of an element to YUV 150.8000, -20.1144, 11.5764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 152, 110) }
```

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

```
.background{ background-color: rgb(164,  
152, 110) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor