

Converting Colors

YUV(112.0130, -0.0064,
-44.7384)

Have a look what the booklet for
YUV(112.0130, -0.0064, -44.7384)
contains.

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Color

**YUV(112.0130, -0.0064,
-44.7384)**

Conversions

Conversions Part 1

Format	Color
Hex	3D8A70
RGB	61, 138, 112
RGB Percent	24%, 54%, 44%
CMY	0.7608, 0.4588, 0.5608
CMYK	0.56, 0.00, 0.19, 0.46
HSL	160°, 39%, 39%
HSV	160°, 56%, 54%
XYZ	13.9376, 20.3389, 18.5204
YIQ	112.0130, -37.5460, -24.4100

Conversions

Conversions Part 2

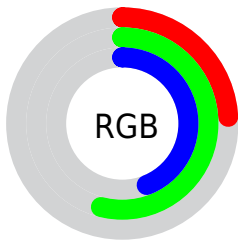
Format	Color
R_{YB}	61, 107, 138
Decimal	4033136
CIE _{Lab}	52.22, -30.38, 6.80
CIE _{LCh}	52, 31.131, 167.376
Yxy	20.3389, 0.2640, 0.3852
Android (android.graphics.Color)	4282223216 (0xFF3D8A70)
YUV	112.0130, -0.0064, -44.7384
Hunter-Lab	45.0987, -23.7579, 7.2207

Details

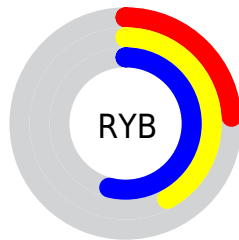
The YUV color **112.0130, -0.0064, -44.7384** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **86.9870, 0.0064, 44.7384**, and the grayscale version is **112.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.7850, -0.8800, -44.5384**, and **58.3650, 2.7781, -51.1861** is the 20% darker color. If you saturate the color by 10%, you get **107.2570, -0.1267, -52.8454**, and if you desaturate by 10%, it is **116.7690, 0.1139, -36.6314**.

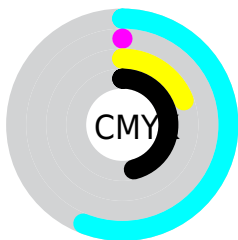
Distribution



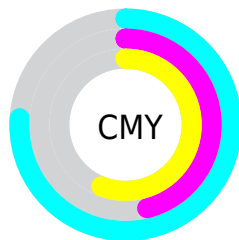
- Red (24%)
- Green (54%)
- Blue (44%)



- Red (24%)
- Yellow (42%)
- Blue (54%)



- Cyan (56%)
- Magenta (0%)
- Yellow (19%)
- Black (46%)



- Cyan (76%)
- Magenta (46%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 112.0130, -0.0064, -44.7384 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 112.0130, -0.0064, -44.7384 by changing the saturation by 10% instead.

■ 112.0130, -0.0064,
-44.7384

■ 112.0130, -0.0064,
-44.7384

■ 255.0000, 0.0000,
0.0000

■ 85.3440, 1.3094,
-46.7827

■ 165.7850, -0.8800,
-44.5384

■ 58.3650, 2.7781,
-51.1861

■ 193.3720, -1.1694,
-45.0532

■ 41.7690, 0.1139,
-36.6314

■ 221.9590, -1.4588,
-45.5680

■ 26.5750, -2.2555,
-23.3063

■ 237.0450, 4.9078,
-34.2425

■ 8.8050, -4.3409,
-7.7220

■ 246.6280, 4.1274,
-17.2138

■ 0.0000, 0.0000,
0.0000

■ 112.0130, -0.0064,
-44.7384

■ 112.0130, -0.0064,
-44.7384

■ 107.2570, -0.1267,
-52.8454

■ 116.7690, 0.1139,
-36.6314

■ 102.6150, 0.1898,
-61.0524

■ 121.4110, -0.2026,
-28.4244

■ 98.1580, -0.0779,
-68.5446

■ 125.8680, 0.0651,
-20.9322

■ 93.4020, -0.1982,
-76.6516

■ 130.6240, 0.1854,
-12.8252

■ 91.3800, -0.1873,
-80.1403

■ 135.2660, -0.1311,
-4.6183

■ 140.0220, -0.0108,
3.4887

■ 144.7780, 0.1094,
11.5957

■ 149.1210, -0.0597,

19.1879

■ 153.8770, 0.0606,
27.2949

Harmonies

Analogous

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



117.2800, -14.9280, -18.6626



112.0130, -0.0064, -44.7384



101.1410, 19.1575, -78.1767

Triad

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



112.0130, -0.0064, -44.7384



124.7530, 24.7718, -12.0614



125.2040, -19.3276, 39.2861

Complementary

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



112.0130, -0.0064, -44.7384



86.9870, 0.0064, 44.7384

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.



126.5110, -8.1399, 44.2789



112.0130, -0.0064, -44.7384



128.0510, 16.2439, 16.6183

Square

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



112.0130, -0.0064, -44.7384



116.0970, 29.5322, -45.6891



127.7840, 4.5435, 36.1464



123.5090, -25.3939, 24.9866

Rectangle

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



112.0130, -0.0064, -44.7384



98.2030, 28.4939, -86.1240



127.7840, 4.5435, 36.1464



125.1380, -15.8440, 41.9750

Sweetspot

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



112.0130, -0.0064, -44.7384



168.4770, -0.2352, -17.9583



114.2720, -26.2631, -23.0405



82.9340, 0.0325, -10.4661



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



112.0130, -0.0064, -44.7384



138.4460, -0.2199, -69.6741



107.9330, 14.8230, -41.1602



66.6790, 0.1583, -4.1035



88.1030, -0.0508, -77.2663



3.2770, -0.1366, -2.8739

Inverse Universe

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



86.9870, 0.0064, 44.7384



99.4400, -0.2169, 69.7741



91.0670, -14.8230, 41.1602



64.3210, -0.1583, 4.1035



44.8970, 0.0508, 77.2663



1.7230, 0.1366, 2.8739

Previews

White Background



This preview shows how the YUV color 112.0130, -0.0064, -44.7384 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 112.0130, -0.0064, -44.7384 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 112.0130, -0.0064, -44.7384 Background



This preview shows how black text looks on a background with the YUV color 112.0130, -0.0064, -44.7384.



This preview shows how white text looks on a background with the YUV color 112.0130, -0.0064,

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

112.0130, -0.0064, -44.7384

Protanopia

123.6280, -9.1836, 5.5882

Deuteranopia

125.2250, -4.5479, 12.0807



Tritanopia

116.3030, 13.6546, -39.7307

Trichromacy



Original Color

112.0130, -0.0064, -44.7384

Protanomaly

119.4300, -5.6350, -12.6551

Deuteranomaly

120.8480, -2.8831, -8.6367

Tritanomaly

114.3260, 8.7133, -41.5049

Monochromacy



Original Color

112.0130, -0.0064, -44.7384

Achromatopsia

112.0000, 0.0000, 0.0000

Achromatomaly

111.6020, 0.1962, -16.3140

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.0130, -0.0064, -44.7384 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(61, 138, 112)` looks like.

```
.text, #text, p{  
    color:rgb(61, 138, 112)  
}
```

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(61, 138, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 138, 112) }
```

Border

The CSS property to change the border of an element to YUV 112.0130, -0.0064, -44.7384 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(61, 138, 112) }
```


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

```
.border{ border-color:rgb(61, 138, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 138, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 138, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 138, 112);  
box-shadow:4px 4px 4px 4px rgb(61, 138,  
112) }
```

Background

The CSS property to change the background color of an element to YUV 112.0130, -0.0064, -44.7384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 138, 112) }
```

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

```
.background{ background-color: rgb(61, 138,  
112) }
```

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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