

Converting Colors

YUV(110.6620, -14.1304,
5.5584)

Have a look what the booklet for
YUV(110.6620, -14.1304, 5.5584)
contains.

YUV(110.6620, -14.1304, 5.5584)	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(110.6620, -14.1304,
5.5584)**

Conversions

Conversions Part 1

Format	Color
Hex	757152
RGB	117, 113, 82
RGB Percent	46%, 44%, 32%
CMY	0.5412, 0.5569, 0.6784
CMYK	0.00, 0.03, 0.30, 0.54
HSL	53°, 18%, 39%
HSV	53°, 30%, 46%
XYZ	14.7642, 16.2014, 10.3317
YIQ	110.6620, 12.3350, -8.7930

Conversions

Conversions Part 2

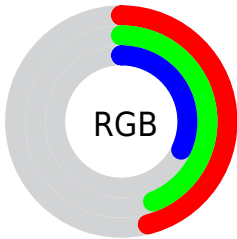
Format	Color
R_{YB}	87, 117, 82
Decimal	7696722
CIE Lab	47.24, -3.80, 17.81
CIE LCh	47, 18.209, 102.037
Yxy	16.2014, 0.3575, 0.3923
Android (android.graphics.Color)	4285886802 (0xFF757152)
YUV	110.6620, -14.1304, 5.5584
Hunter-Lab	40.2509, -4.9644, 12.9570

Details

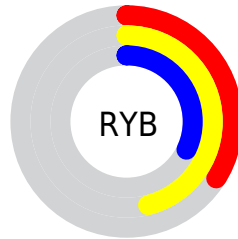
The YUV color **110.6620, -14.1304, 5.5584** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **88.3380, 14.1304, -5.5584**, and the grayscale version is **111.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **162.7330, -15.1514, 6.3732**, and **62.7050, -12.6726, 4.6437** is the 20% darker color. If you saturate the color by 10%, you get **108.7070, -19.0826, 7.2730**, and if you desaturate by 10%, it is **112.6170, -9.1782, 3.8439**.

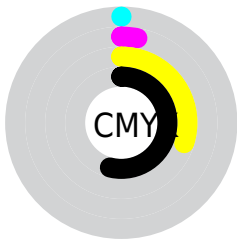
Distribution



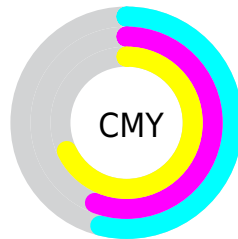
- Red (46%)
- Green (44%)
- Blue (32%)



- Red (34%)
- Yellow (46%)
- Blue (32%)



- Cyan (0%)
- Magenta (3%)
- Yellow (30%)
- Black (54%)



- Cyan (54%)
- Magenta (56%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YUV color 110.6620, -14.1304, 5.5584 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 110.6620, -14.1304, 5.5584 by changing the saturation by 10% instead.

■ 110.6620,
-14.1304, 5.5584

■ 110.6620,
-14.1304, 5.5584

■ 255.0000, 0.0000,
0.0000

■ 86.4770, -13.5462,
4.8437

■ 162.7330,
-15.1514, 6.3732

■ 62.7050, -12.6726,
4.6437

■ 189.6190,
-15.5882, 6.4731

■ 40.5200, -12.0884,
3.9290

■ 217.5050,
-16.0250, 6.5731

■ 20.6770, -10.1938,
2.9143

■ 245.8040,
-16.1724, 7.1879

■ 0.0000, 0.0000,
0.0000

■ 253.4040, -6.1152,
1.3997

■ 110.6620,
-14.1304, 5.5584

■ 110.6620,
-14.1304, 5.5584

■ 108.7070,
-19.0826, 7.2730

■ 112.6170, -9.1782,
3.8439

■ 106.2790,
-23.3085, 9.4023

■ 115.0450, -4.9522,
1.7145

■ 104.3240,
-28.2607, 11.1169

■ 117.0000, 0.0000,
0.0000

■ 102.3690,
-33.2129, 12.8314

■ 118.9550, 4.9522,
-1.7145

■ 99.9410, -37.4389,
14.9607

■ 121.4970, 9.6150,
-3.9439

■ 97.9860, -42.3911,
16.6753

■ 123.3380, 14.1304,
-5.5584

■ 96.0310, -47.3433,
18.3898

■ 125.2930, 19.0826,
-7.2730

■ 127.8350, 23.7453,

-9.5023

■ 129.6760, 28.2607,
-11.1169

Harmonies

Analogous

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



112.3260, -14.4577, 17.2541



110.6620, -14.1304, 5.5584



108.7250, -9.7244, -7.6518

Triad

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



110.6620, -14.1304, 5.5584



105.2330, 13.1961, -32.6533



114.7450, 3.5767, 19.5176

Complementary

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



110.6620, -14.1304, 5.5584



88.3380, 14.1304, -5.5584

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.



114.0900, 10.3086, 6.9371



110.6620, -14.1304, 5.5584



108.3850, 16.0792, -24.0166

Square

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



110.6620, -14.1304, 5.5584



105.4090, 6.2074, -31.0537



111.8430, 14.8674, -8.6323



114.1280, -4.0071, 25.3207

Rectangle

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



110.6620, -14.1304, 5.5584



107.2230, -5.0399, -16.8586



111.8430, 14.8674, -8.6323



114.7060, 6.0609, 16.0438

Sweetspot

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



110.6620, -14.1304, 5.5584



150.2300, -5.5364, 2.4293



92.9210, -3.4121, 21.1173



75.3870, -3.6418, 1.4146



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



110.6620, -14.1304, 5.5584



143.2080, -22.2875, 8.5876



109.1230, -13.3716, -4.4929



57.7290, -2.3314, 1.1147



99.8740, -49.2379, 19.4045



204.4770, -100.8072, 39.9237

Inverse Universe

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



88.3380, 14.1304, -5.5584



107.7920, 22.2875, -8.5876



89.8770, 13.3716, 4.4929



53.6840, 2.6208, -0.5999



22.1260, 49.2379, -19.4045



45.5230, 100.8072, -39.9237

Previews

White Background



This preview shows how the YUV color 110.6620, -14.1304, 5.5584 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 × Fail

Black Background



This preview shows how the YUV color 110.6620, -14.1304, 5.5584 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

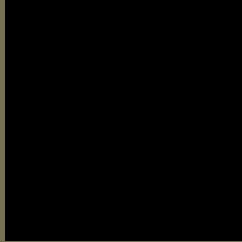
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 110.6620, -14.1304, 5.5584 Background



This preview shows how black text looks on a background with the YUV color 110.6620, -14.1304, 5.5584.



This preview shows how white text looks on a background with the YUV color 110.6620, -14.1304,

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

110.6620, -14.1304, 5.5584

Protanopia

110.9720, -14.2832, 7.9176

Deuteranopia

111.7390, -14.1683, 17.7689



Tritanopia

112.9130, 2.0149, 7.0923

Trichromacy



Original Color

110.6620, -14.1304, 5.5584

Protanomaly

110.6730, -14.1358, 7.3028

Deuteranomaly

111.4180, -14.0101, 13.6654

Tritanomaly

112.3060, -4.0949, 6.7476

Monochromacy



Original Color

110.6620, -14.1304, 5.5584

Achromatopsia

111.0000, 0.0000, 0.0000

Achromatomaly

110.9310, -5.3890, 1.8145

CSS Examples

Text

The CSS property to change the color of the text to YUV 110.6620, -14.1304, 5.5584 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(117, 113, 82)` looks like.

```
.text, #text, p{  
    color:rgb(117, 113, 82)  
}
```

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(117, 113, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 113, 82) }
```

Border

The CSS property to change the border of an element to YUV 110.6620, -14.1304, 5.5584 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(117, 113, 82) }
```


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

```
.border{ border-color:rgb(117, 113, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 113, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(117, 113, 82); -webkit-box-shadow:4px 4px 4px 4px rgb(117, 113, 82); box-shadow:4px 4px 4px 4px rgb(117, 113, 82) }
```

Background

The CSS property to change the background color of an element to YUV 110.6620, -14.1304, 5.5584 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 113, 82) }
```

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

```
.background{ background-color: rgb(117,  
113, 82) }
```

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