

Converting Colors

YUV(104.9280, -14.2615,
0.9401)

Have a look what the booklet for
YUV(104.9280, -14.2615, 0.9401)
contains.

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Color

**YUV(104.9280, -14.2615,
0.9401)**

Conversions

Conversions Part 1

Format	Color
Hex	6A6E4C
RGB	106, 110, 76
RGB Percent	42%, 43%, 30%
CMY	0.5843, 0.5686, 0.7020
CMYK	0.04, 0.00, 0.31, 0.57
HSL	67°, 18%, 36%
HSV	67°, 31%, 43%
XYZ	12.8243, 14.7378, 9.0063
YIQ	104.9280, 8.5300, -11.4220

Conversions

Conversions Part 2

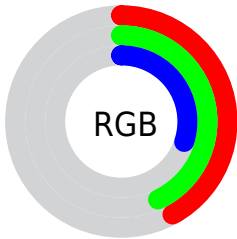
Format	Color
R_{YB}	76, 110, 80
Decimal	6975052
CIE Lab	45.27, -7.66, 18.50
CIE LCh	45, 20.024, 112.486
Yxy	14.7378, 0.3507, 0.4030
Android (android.graphics.Color)	4285165132 (0xFF6A6E4C)
YUV	104.9280, -14.2615, 0.9401
Hunter-Lab	38.3899, -7.5537, 12.9635

Details

The YUV color **104.9280, -14.2615, 0.9401** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **81.0720, 14.2615, -0.9401**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **156.5860, -15.5719, 1.2401**, and **57.8570, -13.2405, 0.1254** is the 20% darker color. If you saturate the color by 10%, you get **103.3750, -18.9189, 1.4251**, and if you desaturate by 10%, it is **106.4810, -9.6041, 0.4552**.

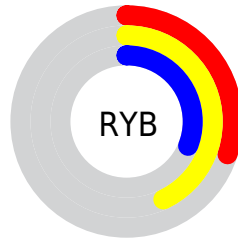
Distribution



Red (42%)

Green (43%)

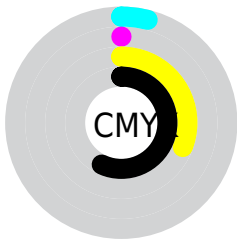
Blue (30%)



Red (30%)

Yellow (43%)

Blue (31%)

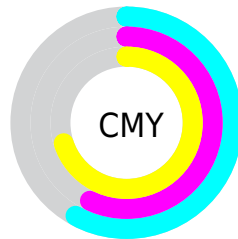


Cyan (4%)

Magenta (0%)

Yellow (31%)

Black (57%)



Cyan (58%)

Magenta (57%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YUV color 104.9280, -14.2615, 0.9401 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 104.9280, -14.2615, 0.9401 by changing the saturation by 10% instead.

■ 104.9280,
-14.2615, 0.9401

■ 104.9280,
-14.2615, 0.9401

■ 255.0000, 0.0000,
0.0000

■ 81.0420, -13.8247,
0.8402

■ 156.5860,
-15.5719, 1.2401

■ 57.8570, -13.2405,
0.1254

■ 183.4720,
-16.0087, 1.3401

■ 35.8570, -13.2405,
0.1254

■ 210.7710,
-16.1561, 1.9548

■ 15.3170, -7.5513,
-4.6630

■ 239.3580,
-16.4455, 1.4400

■ 0.0000, 0.0000,
0.0000

■ 252.6060, -9.1728,
2.0995

■ 104.9280,
-14.2615, 0.9401

■ 104.9280,
-14.2615, 0.9401

■ 103.3750,
-18.9189, 1.4251

■ 106.4810, -9.6041,
0.4552

■ 101.5230,
-23.4288, 1.2953

■ 108.3330, -5.0942,
0.5850

■ 99.9700, -28.0862,
1.7803

■ 109.8860, -0.4368,
0.1000

■ 98.4170, -32.7436,
2.2653

■ 111.4390, 4.2206,
-0.3850

■ 96.8640, -37.4010,
2.7503

■ 112.9920, 8.8779,
-0.8700

■ 95.0120, -41.9109,
2.6205

■ 114.8440, 13.3879,
-0.7402

■ 93.5730, -46.1315,
3.0055

■ 116.3970, 18.0453,
-1.2252

■ 117.9500, 22.7027,

-1.7101

■ 119.8020, 27.2126,
-1.5804

Harmonies

Analogous

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



106.8480, -16.1941, 14.1653



104.9280, -14.2615, 0.9401



102.7350, -8.2504, -13.7996

Triad

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



104.9280, -14.2615, 0.9401



100.0200, 16.2591, -35.0975



109.4960, 1.2345, 24.1210

Complementary

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



104.9280, -14.2615, 0.9401



81.0720, 14.2615, -0.9401

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.



109.7810, 8.9820, 12.4701



104.9280, -14.2615, 0.9401



104.4500, 17.5262, -21.4426

Square

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



104.9280, -14.2615, 0.9401



98.4020, 10.1548, -37.1866



107.8760, 14.8511, -3.3993



108.7540, -6.7807, 28.2797

Rectangle

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



104.9280, -14.2615, 0.9401



101.2760, -2.1081, -23.9211



107.8760, 14.8511, -3.3993



109.8700, 4.0081, 21.1620

Sweetspot

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



104.9280, -14.2615, 0.9401



140.9200, -5.3836, 0.0702



88.5140, -6.1694, 18.8432



69.9030, -2.9102, 0.0851



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



104.9280, -14.2615, 0.9401



135.1640, -22.2659, 1.6102



99.8450, -11.7556, -9.5111



55.0170, -2.4734, -0.0149



102.1340, -50.3521, 3.3905



210.1710, -103.6143, 6.8660

Inverse Universe

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



81.0720, 14.2615, -0.9401



97.8360, 22.2659, -1.6102



86.1550, 11.7556, 9.5111



50.9830, 2.4734, 0.0149



17.8660, 50.3521, -3.3905



36.8290, 103.6143, -6.8660

Previews

White Background



This preview shows how the YUV color 104.9280, -14.2615, 0.9401 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 104.9280, -14.2615, 0.9401 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

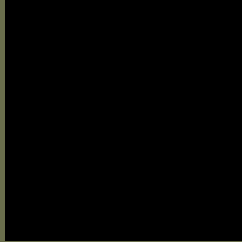
Any Text WCAG AA × Fail

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 104.9280, -14.2615, 0.9401 Background



This preview shows how black text looks on a background with the YUV color 104.9280, -14.2615, 0.9401.



This preview shows how white text looks on a background with the YUV color 104.9280, -14.2615,

0.9401.

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

104.9280, -14.2615, 0.9401

Protanopia

106.0430, -15.3042, 8.7323

Deuteranopia

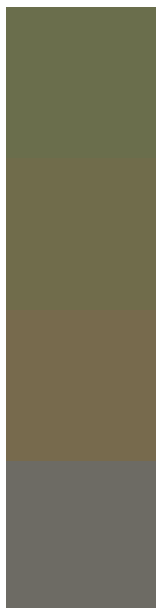
107.3260, -14.4577, 17.2541



Tritanopia

107.8200, 3.0467, 2.7889

Trichromacy



Original Color

104.9280, -14.2615, 0.9401

Protanomaly

105.4340, -15.0040, 5.7584

Deuteranomaly

106.5810, -14.5834, 10.8915

Tritanomaly

106.8000, -3.3524, 1.9294

Monochromacy



Original Color

104.9280, -14.2615, 0.9401

Achromatopsia

105.0000, 0.0000, 0.0000

Achromatomaly

104.9200, -5.3836, 0.0702

CSS Examples

Text

The CSS property to change the color of the text to YUV 104.9280, -14.2615, 0.9401 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(106, 110, 76)` looks like.

```
.text, #text, p{  
    color:rgb(106, 110, 76)  
}
```

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(106, 110, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 110, 76) }
```

Border

The CSS property to change the border of an element to YUV 104.9280, -14.2615, 0.9401 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(106, 110, 76) }
```


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

```
.border{ border-color:rgb(106, 110, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 110, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 110, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 110, 76);  
box-shadow:4px 4px 4px 4px rgb(106, 110,  
76) }
```

Background

The CSS property to change the background color of an element to YUV 104.9280, -14.2615, 0.9401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 110, 76) }
```

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

```
.background{ background-color: rgb(106,  
110, 76) }
```

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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