

Converting Colors

YUV(114.6280, 24.3404,
-13.7058)

Have a look what the booklet for
YUV(114.6280, 24.3404, -13.7058)
contains.

YUV(114.6280, 24.3404, -13.7058)	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(114.6280, 24.3404,
-13.7058)**

Conversions

Conversions Part 1

Format	Color
Hex	6371A4
RGB	99, 113, 164
RGB Percent	39%, 44%, 64%
CMY	0.6118, 0.5569, 0.3569
CMYK	0.40, 0.31, 0.00, 0.36
HSL	227°, 26%, 52%
HSV	227°, 40%, 64%
XYZ	17.7516, 17.1432, 37.4953
YIQ	114.6280, -24.7150, 12.8930

Conversions

Conversions Part 2

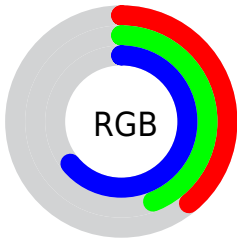
Format	Color
R _Y B	99, 111, 164
Decimal	6517156
CIE Lab	48.44, 8.05, -29.08
CIE LCh	48, 30.174, 285.465
Yxy	17.1432, 0.2452, 0.2368
Android (android.graphics.Color)	4284707236 (0xFF6371A4)
YUV	114.6280, 24.3404, -13.7058
Hunter-Lab	41.4044, 4.0717, -24.7092

Details

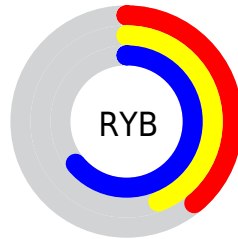
The YUV color **114.6280, 24.3404, -13.7058** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **148.3720, -24.3404, 13.7058**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.2690, 25.5034, -13.3909**, and **65.2750, 23.0354, -15.1502** is the 20% darker color. If you saturate the color by 10%, you get **102.2130, 30.4610, -16.8498**, and if you desaturate by 10%, it is **127.0430, 18.2198, -10.5617**.

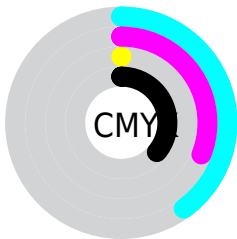
Distribution



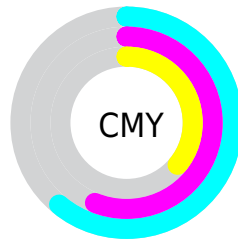
- Red (39%)
- Green (44%)
- Blue (64%)



- Red (39%)
- Yellow (44%)
- Blue (64%)



- Cyan (40%)
- Magenta (31%)
- Yellow (0%)
- Black (36%)



- Cyan (61%)
- Magenta (56%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 114.6280, 24.3404, -13.7058 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 114.6280, 24.3404, -13.7058 by changing the saturation by 10% instead.

■ 114.6280, 24.3404,
-13.7058

■ 114.6280, 24.3404,
-13.7058

■ 255.0000, 0.0000,
0.0000

■ 89.8020, 23.7616,
-14.7354

■ 167.2690, 25.5034,
-13.3909

■ 65.2750, 23.0354,
-15.1502

■ 194.4970, 26.3770,
-13.5909

■ 41.7260, 22.3201,
-19.0537

■ 219.8150, 17.3462,
-10.3618

■ 20.7970, 21.2991,
-18.2390

■ 245.2100, 4.8265,
-8.0772

■ 5.8480, 17.3299,
-5.1287

■ 2.8670, 8.4466,
-2.5144

■ 0.0000, 0.0000,

0.0000

■ 114.6280, 24.3404,
-13.7058

■ 114.6280, 24.3404,
-13.7058

■ 102.2130, 30.4610,
-16.8498

■ 127.0430, 18.2198,
-10.5617

■ 89.4990, 36.7290,
-20.6086

■ 139.7570, 11.9518,
-6.8029

■ 77.0840, 42.8496,
-23.7527

■ 152.1720, 5.8312,
-3.6588

■ 64.9570, 48.8282,
-28.0263

■ 164.2990, -0.1474,
0.6148

■ 52.5420, 54.9488,
-31.1703

■ 176.7140, -6.2680,
3.7588

■ 40.1270, 61.0694,
-34.3144

■ 189.1290,
-12.3886, 6.9029

■ 39.2410, 61.5062,
-34.4144

■ 201.8430,
-18.6566, 10.6617

■ 214.2580,
-24.7772, 13.8057

■ 226.9720,
-31.0452, 17.5646

Harmonies

Analogous

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



105.5700, 28.8060, -46.1039



114.6280, 24.3404, -13.7058



118.3280, 16.1073, 13.7443

Triad

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



114.6280, 24.3404, -13.7058



115.9480, -17.7224, 37.7566



103.3940, -1.1802, -41.5645

Complementary

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



114.6280, 24.3404, -13.7058



148.3720, -24.3404, 13.7058

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.



108.5900, -15.0809, -16.3034



114.6280, 24.3404, -13.7058



113.9650, -23.6467, 24.5867

Square

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



114.6280, 24.3404, -13.7058



116.8420, -6.8241, 42.2346



111.9580, -23.1503, 5.2988



90.9130, 18.2839, -77.9767

Rectangle

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



114.6280, 24.3404, -13.7058



118.2930, 9.2226, 28.6840



111.9580, -23.1503, 5.2988



105.4830, -6.1541, -32.8726

Sweetspot

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



114.6280, 24.3404, -13.7058



194.4860, 9.6204, -5.6882



142.9690, 3.4663, -38.5608



95.4710, 5.6838, -3.0441



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.



114.6280, 24.3404, -13.7058



136.2430, 38.3342, -22.1381



111.7920, 25.7385, 4.5674



75.2000, 3.3524, -1.9294



34.7270, 54.3646, -30.4556



4.4000, 6.7048, -3.8588

Inverse Universe

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



120.0310, -3.4663, 38.5608



144.4190, -5.1366, 61.0225



151.2080, -25.7385, -4.5674



75.9190, -0.4531, 5.3330



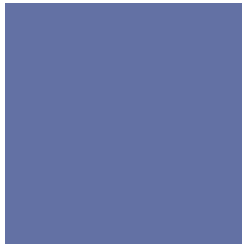
46.8890, -7.8333, 86.0433



5.8380, -0.9061, 10.6661

Previews

White Background



This preview shows how the YUV color 114.6280, 24.3404, -13.7058 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 114.6280, 24.3404, -13.7058 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

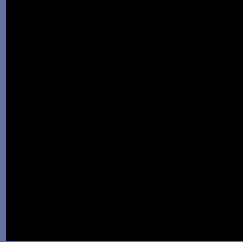
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

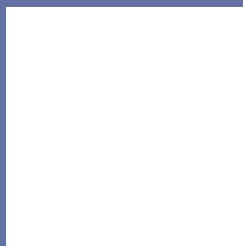
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 114.6280, 24.3404, -13.7058

Background



This preview shows how black text looks on a background with the YUV color 114.6280, 24.3404, -13.7058.



This preview shows how white text looks on a background with the YUV color 114.6280, 24.3404, -13.7058.

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

114.6280, 24.3404, -13.7058

Protanopia

114.6280, 24.3404, -13.7058

Deuteranopia

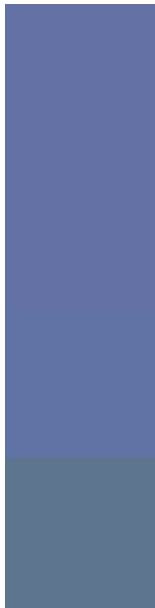
114.3180, 24.4932, -16.0649



Tritanopia

112.0560, 8.3534, -19.3431

Trichromacy



Original Color

114.6280, 24.3404, -13.7058

Protanomaly

114.6280, 24.3404, -13.7058

Deuteranomaly

114.6170, 24.3458, -15.4501

Tritanomaly

112.6740, 14.4577, -17.2541

Monochromacy



Original Color

114.6280, 24.3404, -13.7058

Achromatopsia

115.0000, 0.0000, 0.0000

Achromatomaly

114.6710, 9.0362, -4.9735

CSS Examples

Text

The CSS property to change the color of the text to YUV 114.6280, 24.3404, -13.7058 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(99, 113, 164)` looks like.

```
.text, #text, p{  
    color:rgb(99, 113, 164)  
}
```

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(99, 113, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 113, 164) }
```

Border

The CSS property to change the border of an element to YUV 114.6280, 24.3404, -13.7058 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(99, 113, 164) }
```


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

```
.border{ border-color:rgb(99, 113, 164) }
```

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

Here you see how a box with a 4 pixel rgb(99, 113, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 113, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 113, 164);  
box-shadow:4px 4px 4px 4px rgb(99, 113,  
164) }
```

Background

The CSS property to change the background color of an element to YUV 114.6280, 24.3404, -13.7058 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 113, 164) }
```

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

```
.background{ background-color: rgb(99, 113,  
164) }
```

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