

Converting Colors

YUV(86.1640, 14.7091, -4.5288)

Have a look what the booklet for
YUV(86.1640, 14.7091, -4.5288)
contains.

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Color

**YUV(86.1640, 14.7091,
-4.5288)**

Conversions

Conversions Part 1

Format	Color
Hex	515374
RGB	81, 83, 116
RGB Percent	32%, 33%, 45%
CMY	0.6824, 0.6745, 0.5451
CMYK	0.30, 0.28, 0.00, 0.55
HSL	237°, 18%, 39%
HSV	237°, 30%, 45%
XYZ	9.6390, 9.1968, 17.7901
YIQ	86.1640, -11.7850, 9.8390

Conversions

Conversions Part 2

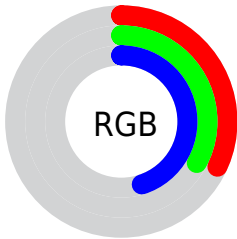
Format	Color
R_{YB}	81, 83, 116
Decimal	5329780
CIE Lab	36.36, 7.48, -19.06
CIE LCh	36, 20.474, 291.415
Yxy	9.1968, 0.2632, 0.2511
Android (android.graphics.Color)	4283519860 (0xFF515374)
YUV	86.1640, 14.7091, -4.5288
Hunter-Lab	30.3262, 3.6641, -13.5527

Details

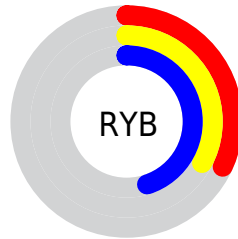
The YUV color **86.1640, 14.7091, -4.5288** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **110.8360, -14.7091, 4.5288**, and the grayscale version is **86.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **135.8050, 15.8721, -4.2140**, and **40.2240, 13.6936, -5.4584** is the 20% darker color. If you saturate the color by 10%, you get **76.1190, 19.6613, -6.2434**, and if you desaturate by 10%, it is **96.2090, 9.7570, -2.8143**.

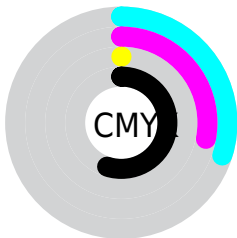
Distribution



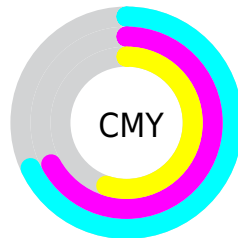
- Red (32%)
- Green (33%)
- Blue (45%)



- Red (32%)
- Yellow (33%)
- Blue (45%)



- Cyan (30%)
- Magenta (28%)
- Yellow (0%)
- Black (55%)



- Cyan (68%)
- Magenta (67%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 86.1640, 14.7091, -4.5288 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 86.1640, 14.7091, -4.5288 by changing the saturation by 10% instead.

■ 86.1640, 14.7091,
-4.5288

■ 86.1640, 14.7091,
-4.5288

■ 255.0000, 0.0000,
0.0000

■ 62.6370, 13.9830,
-4.9436

■ 135.8050, 15.8721,
-4.2140

■ 40.2240, 13.6936,
-5.4584

■ 162.2180, 16.1615,
-3.6992

■ 19.2840, 12.6780,
-6.3881

■ 189.3320, 16.5983,
-3.7992

■ 3.4370, 10.6306,
-3.0142

■ 217.4460, 17.0351,
-3.8991

■ 0.0000, 0.0000,
0.0000

■ 242.5960, 6.1152,
-1.3997

■ 86.1640, 14.7091,
-4.5288

■ 86.1640, 14.7091,
-4.5288

■ 76.1190, 19.6613,
-6.2434

■ 96.2090, 9.7570,
-2.8143

■ 66.3730, 24.4661,
-7.3431

■ 105.9550, 4.9522,
-1.7145

■ 56.3280, 29.4183,
-9.0577

■ 116.0000, 0.0000,
0.0000

■ 46.5820, 34.2231,
-10.1574

■ 125.7460, -4.8048,
1.0998

■ 36.5370, 39.1753,
-11.8719

■ 135.7910, -9.7570,
2.8143

■ 26.4920, 44.1274,
-13.5865

■ 145.8360,
-14.7091, 4.5288

■ 17.3330, 48.6428,
-15.2010

■ 155.5820,
-19.5139, 5.6286

■ 165.0400,

-24.1767, 7.8579

■ 174.7860,
-28.9815, 8.9577

Harmonies

Analogous

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



82.4390, 17.5316, -23.1870



86.1640, 14.7091, -4.5288



87.7810, 8.9820, 12.4701

Triad

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



86.1640, 14.7091, -4.5288



85.9400, -12.2954, 23.7316



78.0520, 0.9604, -28.1096

Complementary

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



86.1640, 14.7091, -4.5288



110.8360, -14.7091, 4.5288

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.



81.1480, -7.9610, -13.2848



86.1640, 14.7091, -4.5288



84.9620, -15.7573, 14.0653

Square

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



86.1640, 14.7091, -4.5288



87.1560, -6.4859, 27.0502



83.3410, -13.9721, 1.4549



74.9070, 10.8918, -40.2604

Rectangle

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



86.1640, 14.7091, -4.5288



87.5710, 4.1555, 20.5472



83.3410, -13.9721, 1.4549



79.5750, -2.2555, -23.3063

Sweetspot

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



86.1640, 14.7091, -4.5288



139.0690, 5.3890, -1.8145



105.3070, 4.2856, -21.3172



69.6130, 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.



86.1640, 14.7091, -4.5288



103.9170, 22.7189, -6.9432



89.4750, 13.0768, 5.7224



53.6840, 2.6208, -0.5999



18.0170, 51.2636, -15.8009



36.7180, 105.1480, -32.2017

Inverse Universe

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



91.6930, -4.2856, 21.3172



112.4880, -6.6496, 32.8980



107.5250, -13.0768, -5.7224



54.7940, -0.8844, 3.6887



37.2760, -14.9261, 74.3029



76.3460, -30.7366, 152.2946

Previews

White Background



This preview shows how the YUV color 86.1640, 14.7091, -4.5288 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 ✓ Pass

Black Background



This preview shows how the YUV color 86.1640, 14.7091, -4.5288 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

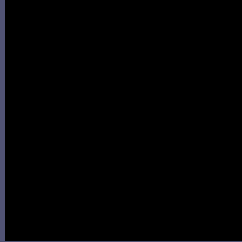
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 86.1640, 14.7091, -4.5288

Background



This preview shows how black text looks on a background with the YUV color 86.1640, 14.7091, -4.5288.



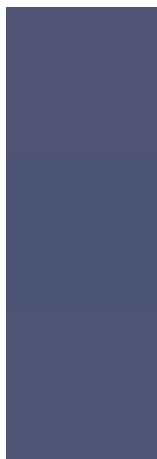
This preview shows how white text looks on a background with the YUV color 86.1640, 14.7091,

-4.5288.

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

86.1640, 14.7091, -4.5288

Protanopia

85.3700, 15.5936, -8.2175

Deuteranopia

85.5550, 15.0094, -7.5027



Tritanopia

84.5090, 4.6791, -7.4624

Trichromacy



Original Color

86.1640, 14.7091, -4.5288

Protanomaly

85.9680, 15.2988, -6.9879

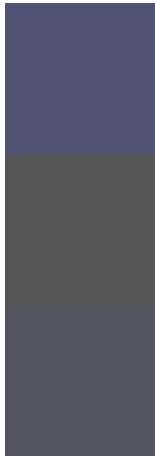
Deuteranomaly

85.8540, 14.8620, -6.8880

Tritanomaly

85.4320, 8.1680, -6.5179

Monochromacy



Original Color

86.1640, 14.7091, -4.5288

Achromatopsia

86.0000, 0.0000, 0.0000

Achromatomaly

86.0690, 5.3890, -1.8145

CSS Examples

Text

The CSS property to change the color of the text to YUV 86.1640, 14.7091, -4.5288 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(81, 83, 116)` looks like.

```
.text, #text, p{  
    color:rgb(81, 83, 116)  
}
```

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(81, 83, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 83, 116) }
```

Border

The CSS property to change the border of an element to YUV 86.1640, 14.7091, -4.5288 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(81, 83, 116) }
```


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

```
.border{ border-color:rgb(81, 83, 116) }
```

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

Here you see how a box with a 4 pixel rgb(81, 83, 116) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 83, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 83, 116);  
box-shadow:4px 4px 4px 4px rgb(81, 83,  
116) }
```

Background

The CSS property to change the background color of an element to YUV 86.1640, 14.7091, -4.5288 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 83, 116) }
```

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

```
.background{ background-color: rgb(81, 83,  
116) }
```

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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