

Converting Colors

YUV(106.1370, 8.8065,
-24.6761)

Have a look what the booklet for
YUV(106.1370, 8.8065, -24.6761)
contains.

YUV(106.1370, 8.8065, -24.6761)	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(106.1370, 8.8065,
-24.6761)**

Conversions

Conversions Part 1

Format	Color
Hex	4E757C
RGB	78, 117, 124
RGB Percent	31%, 46%, 49%
CMY	0.6941, 0.5412, 0.5137
CMYK	0.37, 0.06, 0.00, 0.51
HSL	189°, 23%, 40%
HSV	189°, 37%, 49%
XYZ	13.1413, 15.7975, 21.4254
YIQ	106.1370, -25.4910, -6.0910

Conversions

Conversions Part 2

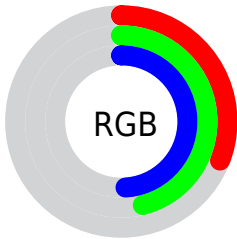
Format	Color
RYB	78, 99, 124
Decimal	5141884
CIELab	46.71, -11.75, -8.21
CIELCh	47, 14.332, 214.956
Yxy	15.7975, 0.2609, 0.3137
Android (android.graphics.Color)	4283331964 (0xFF4E757C)
YUV	106.1370, 8.8065, -24.6761
Hunter-Lab	39.7461, -10.5381, -4.1384

Details

The YUV color **106.1370, 8.8065, -24.6761** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **95.8630, -8.8065, 24.6761**, and the grayscale version is **106.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **157.8380, 8.9539, -25.2909**, and **57.7240, 8.5171, -25.1909** is the 20% darker color. If you saturate the color by 10%, you get **101.3750, 11.1541, -31.0239**, and if you desaturate by 10%, it is **110.8990, 6.4588, -18.3284**.

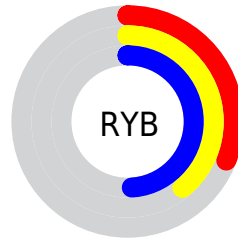
Distribution



Red (31%)

Green (46%)

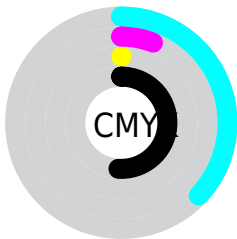
Blue (49%)



Red (31%)

Yellow (39%)

Blue (49%)

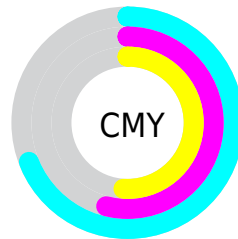


Cyan (37%)

Magenta (6%)

Yellow (0%)

Black (51%)



Cyan (69%)

Magenta (54%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 106.1370, 8.8065, -24.6761 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 106.1370, 8.8065, -24.6761 by changing the saturation by 10% instead.

■ 106.1370, 8.8065,
-24.6761

■ 106.1370, 8.8065,
-24.6761

■ 255.0000, 0.0000,
0.0000

■ 81.1370, 8.8065,
-24.6761

■ 157.8380, 8.9539,
-25.2909

■ 57.7240, 8.5171,
-25.1909

■ 184.9520, 9.3907,
-25.3909

■ 33.3430, 9.6909,
-28.3648

■ 212.6530, 9.5381,
-26.0057

■ 18.7960, 6.0166,
-16.4841

■ 240.6700, 7.0647,
-26.0206

■ 0.6840, 2.6208,
-0.5999

■ 250.5150, 2.2111,
-9.2217

■ 0.0000, 0.0000,
0.0000

■ 106.1370, 8.8065,
-24.6761

■ 106.1370, 8.8065,
-24.6761

■ 101.3750, 11.1541,
-31.0239

■ 110.8990, 6.4588,
-18.3284

■ 96.3140, 13.6492,
-37.9864

■ 115.9600, 3.9637,
-11.3659

■ 91.5520, 15.9969,
-44.3341

■ 120.7220, 1.6161,
-5.0182

■ 86.4910, 18.4919,
-51.2966

■ 125.7830, -0.8790,
1.9443

■ 82.3160, 20.5502,
-58.1591

■ 129.9580, -2.9373,
8.8068

■ 77.5540, 22.8979,
-64.5069

■ 134.7200, -5.2850,
15.1546

■ 75.7710, 23.7769,
-66.4512

■ 139.7810, -7.7800,
22.1171

■ 144.5430,

-10.1277, 28.4648

■ 149.6040,
-12.6228, 35.4273

Harmonies

Analogous

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



106.2530, 2.8333, -22.1469



106.1370, 8.8065, -24.6761



107.9680, 11.8478, -20.1429

Triad

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



106.1370, 8.8065, -24.6761



113.1140, 3.8878, 13.0550



110.3570, -11.5150, 6.7029

Complementary

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



106.1370, 8.8065, -24.6761



95.8630, -8.8065, 24.6761

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.



111.5260, -11.1053, 15.3247



106.1370, 8.8065, -24.6761



112.6650, -1.8068, 19.5878

Square

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



106.1370, 8.8065, -24.6761



112.0140, 8.8671, 2.6187



111.8840, -7.3378, 20.2727



108.6870, -8.7197, -3.2335

Rectangle

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



106.1370, 8.8065, -24.6761



109.1260, 12.2629, -13.2655



111.8840, -7.3378, 20.2727



110.3790, -11.5258, 10.1916

Sweetspot

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



106.1370, 8.8065, -24.6761



153.8570, 3.5215, -9.5216



105.8000, -10.2544, -24.3806



77.5370, 2.2003, -5.7329



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



106.1370, 8.8065, -24.6761



132.7160, 13.9440, -39.2159



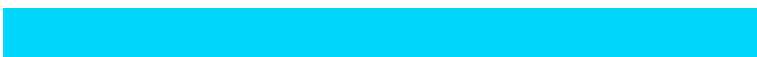
92.6360, 15.4625, -12.8358



58.6190, 1.1738, -3.1739



76.4720, 23.9243, -67.0659



154.3460, 48.1434, -135.3614

Inverse Universe

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



96.2000, 10.2544, 24.3806



116.8950, 16.3208, 38.6801



109.3640, -15.4625, 12.8358



57.3640, 1.2995, 3.1888



49.4590, 27.8747, 66.2495



99.7440, 56.3282, 133.5285

Previews

White Background



This preview shows how the YUV color 106.1370, 8.8065, -24.6761 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 106.1370, 8.8065, -24.6761 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 106.1370, 8.8065, -24.6761

Background



This preview shows how black text looks on a background with the YUV color 106.1370, 8.8065, -24.6761.



This preview shows how white text looks on a background with the YUV color 106.1370, 8.8065,

-24.6761.

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

106.1370, 8.8065, -24.6761

Protanopia

111.0260, 3.9312, -0.8998

Deuteranopia

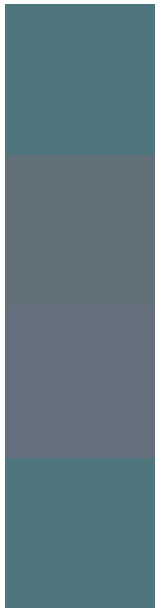
111.8460, 6.9779, 1.8891



Tritanopia

106.6640, 9.5326, -24.2613

Trichromacy



Original Color

106.1370, 8.8065, -24.6761

Protanomaly

109.4270, 5.7055, -10.0215

Deuteranomaly

109.6060, 7.5892, -7.5475

Tritanomaly

106.5500, 9.0959, -24.1613

Monochromacy



Original Color

106.1370, 8.8065, -24.6761

Achromatopsia

106.0000, 0.0000, 0.0000

Achromatomaly

106.1560, 3.3741, -8.9068

CSS Examples

Text

The CSS property to change the color of the text to YUV 106.1370, 8.8065, -24.6761 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(78, 117, 124)` looks like.

```
.text, #text, p{  
    color:rgb(78, 117, 124)  
}
```

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(78, 117, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 117, 124) }
```

Border

The CSS property to change the border of an element to YUV 106.1370, 8.8065, -24.6761 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(78, 117, 124) }
```


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

```
.border{ border-color:rgb(78, 117, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 117, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 117, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 117, 124);  
box-shadow:4px 4px 4px 4px rgb(78, 117,  
124) }
```

Background

The CSS property to change the background color of an element to YUV 106.1370, 8.8065, -24.6761 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 117, 124) }
```

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

```
.background{ background-color: rgb(78, 117,  
124) }
```

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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