

Converting Colors

YUV(88.3590, 8.6970, -36.2718)

Have a look what the booklet for
YUV(88.3590, 8.6970, -36.2718)
contains.

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Color

**YUV(88.3590, 8.6970,
-36.2718)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 2F6A6A |
| RGB | 47, 106, 106 |
| RGB Percent | 18%, 42%, 42% |
| CMY | 0.8157, 0.5843, 0.5843 |
| CMYK | 0.56, 0.00, 0.00, 0.58 |
| HSL | 180°, 39%, 30% |
| HSV | 180°, 56%, 42% |
| XYZ | 8.9278, 11.9530, 15.4723 |
| YIQ | 88.3590, -35.1640, -12.5080 |

Conversions

Conversions Part 2

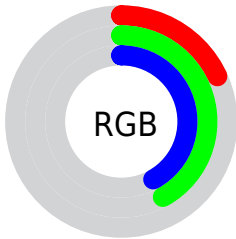
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 47, 77, 106 |
| Decimal | 3107434 |
| CIELab | 41.14, -19.01, -5.85 |
| CIELCh | 41, 19.892, 197.094 |
| Yxy | 11.9530, 0.2456, 0.3288 |
| Android (android.graphics.Color) | 4281297514 (0xFF2F6A6A) |
| YUV | 88.3590, 8.6970, -36.2718 |
| Hunter-Lab | 34.5731, -14.4088, -2.3325 |

Details

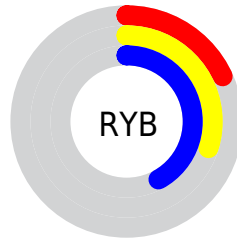
The YUV color **88.3590, 8.6970, -36.2718** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **64.6410, -8.6970, 36.2718**, and the grayscale version is **88.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **140.2450, 8.2602, -36.1719**, and **40.7720, 8.9864, -35.7570** is the 20% darker color. If you saturate the color by 10%, you get **85.0700, 10.3185, -43.0344**, and if you desaturate by 10%, it is **91.6480, 7.0755, -29.5093**.

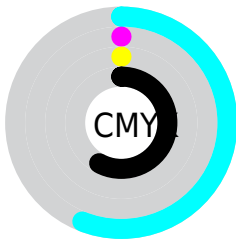
Distribution



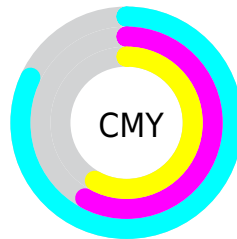
- Red (18%)
- Green (42%)
- Blue (42%)



- Red (18%)
- Yellow (30%)
- Blue (42%)



- Cyan (56%)
- Magenta (0%)
- Yellow (0%)
- Black (58%)



- Cyan (82%)
- Magenta (58%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 88.3590, 8.6970, -36.2718 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 88.3590, 8.6970, -36.2718 by changing the saturation by 10% instead.

88.3590, 8.6970,
-36.2718

88.3590, 8.6970,
-36.2718

255.0000, 0.0000,
0.0000

62.8640, 9.4340,
-39.3457

140.2450, 8.2602,
-36.1719

40.7720, 8.9864,
-35.7570

167.2450, 8.2602,
-36.1719

25.3500, 5.7435,
-22.2319

194.3590, 8.6970,
-36.2718

7.2210, 4.8210,
-6.3328

222.6470, 8.5550,
-37.4014

0.0000, 0.0000,
0.0000

241.2460, 6.7807,
-28.2797

249.6180, 2.6533,

-11.0660

■ 88.3590, 8.6970,
-36.2718

■ 88.3590, 8.6970,
-36.2718

■ 85.0700, 10.3185,
-43.0344

■ 91.6480, 7.0755,
-29.5093

■ 82.0800, 11.7926,
-49.1822

■ 94.6380, 5.6015,
-23.3615

■ 78.7910, 13.4140,
-55.9447

■ 97.9270, 3.9800,
-16.5990

■ 75.8010, 14.8881,
-62.0925

■ 100.9170, 2.5059,
-10.4512

■ 74.3060, 15.6251,
-65.1664

■ 104.2060, 0.8844,
-3.6887

■ 107.4950, -0.7370,
3.0739

■ 110.4850, -2.2111,
9.2217

■ 113.7740, -3.8326,
15.9842

■ 116.7640, -5.3067,
22.1320

Harmonies

Analogous

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



90.9060, -0.9397, -25.3506



88.3590, 8.6970, -36.2718



88.7810, 15.3910, -36.6419

Triad

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



88.3590, 8.6970, -36.2718



99.5850, 9.5716, 10.0110



96.9730, -15.7627, 15.8097

Complementary

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



88.3590, 8.6970, -36.2718



64.6410, -8.6970, 36.2718

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.



97.7660, -11.7166, 24.7612



88.3590, 8.6970, -36.2718



99.8270, 2.5503, 22.0767

Square

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



88.3590, 8.6970, -36.2718



97.2670, 15.1514, -6.3732



98.7970, -5.3229, 27.3650



95.2380, -14.4143, 3.2993

Rectangle

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



88.3590, 8.6970, -36.2718



91.6940, 17.4059, -29.5496



98.7970, -5.3229, 27.3650



97.2230, -14.8999, 19.0984

Sweetspot

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



88.3590, 8.6970, -36.2718



130.8240, 3.5378, -14.7546



81.6330, -17.0741, -30.3731



64.8140, 2.0637, -8.6069



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



88.3590, 8.6970, -36.2718



110.1930, 13.7089, -57.1743



71.3360, 17.0894, -21.3427



52.2060, 0.8844, -3.6887



82.0170, 17.2466, -71.9289



171.7450, 36.1147, -150.6204

Inverse Universe

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



71.3670, 17.0741, 30.3731



83.4090, 26.9134, 47.8763



82.2510, -17.3787, 20.8279



50.4780, 1.7363, 3.0888



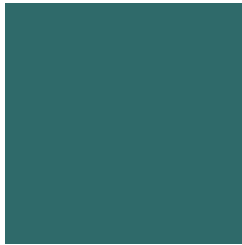
48.3210, 33.8587, 60.2315



101.1850, 70.9008, 126.1258

Previews

White Background



This preview shows how the YUV color 88.3590, 8.6970, -36.2718 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 88.3590, 8.6970, -36.2718 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

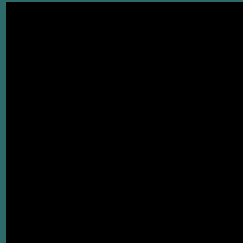
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 88.3590, 8.6970, -36.2718

Background



This preview shows how black text looks on a background with the YUV color 88.3590, 8.6970, -36.2718.



This preview shows how white text looks on a background with the YUV color 88.3590, 8.6970, -36.2718.

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

88.3590, 8.6970, -36.2718

Protanopia

96.7550, 1.5998, 0.2149

Deuteranopia

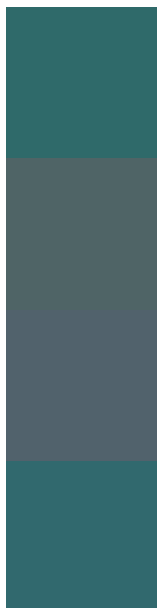
97.5040, 5.6675, 2.1890



Tritanopia

89.4670, 11.6018, -34.6126

Trichromacy



Original Color

88.3590, 8.6970, -36.2718

Protanomaly

93.9490, 3.9691, -13.1103

Deuteranomaly

94.0570, 6.8739, -11.4510

Tritanomaly

88.8260, 10.4388, -34.9274

Monochromacy



Original Color

88.3590, 8.6970, -36.2718

Achromatopsia

88.0000, 0.0000, 0.0000

Achromatomaly

88.4220, 3.2430, -13.5251

CSS Examples

Text

The CSS property to change the color of the text to YUV 88.3590, 8.6970, -36.2718 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(47, 106, 106)` looks like.

```
.text, #text, p{  
    color:rgb(47, 106, 106)  
}
```

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(47, 106, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 106, 106) }
```

Border

The CSS property to change the border of an element to YUV 88.3590, 8.6970, -36.2718 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(47, 106, 106) }
```


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

```
.border{ border-color:rgb(47, 106, 106) }
```

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

Here you see how a box with a 4 pixel rgb(47, 106, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 106, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 106, 106);  
box-shadow:4px 4px 4px 4px rgb(47, 106,  
106) }
```

Background

The CSS property to change the background color of an element to YUV 88.3590, 8.6970, -36.2718 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 106, 106) }
```

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

```
.background{ background-color: rgb(47, 106,  
106) }
```

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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