

Converting Colors

YUV(87.3600, 7.2175, -28.3797)

Have a look what the booklet for
YUV(87.3600, 7.2175, -28.3797)
contains.

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Color

**YUV(87.3600, 7.2175,
-28.3797)**

Conversions

Conversions Part 1

Format	Color
Hex	376566
RGB	55, 101, 102
RGB Percent	22%, 40%, 40%
CMY	0.7843, 0.6039, 0.6000
CMYK	0.46, 0.01, 0.00, 0.60
HSL	181°, 30%, 31%
HSV	181°, 46%, 40%
XYZ	8.6275, 11.0789, 14.2541
YIQ	87.3600, -27.7370, -9.4410

Conversions

Conversions Part 2

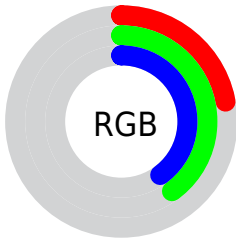
Format	Color
RYB	55, 78, 102
Decimal	3630438
CIELab	39.71, -15.43, -5.50
CIElCh	40, 16.383, 199.598
Yxy	11.0789, 0.2540, 0.3262
Android (android.graphics.Color)	4281820518 (0xFF376566)
YUV	87.3600, 7.2175, -28.3797
Hunter-Lab	33.2850, -11.9813, -2.0911




Details

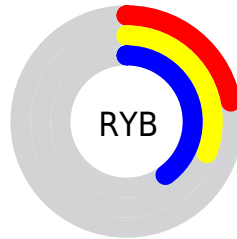
The YUV color **87.3600, 7.2175, -28.3797** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **69.6400, -7.2175, 28.3797**, and the grayscale version is **87.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **138.0610, 7.3649, -28.9945**, and **37.9680, 8.3968, -33.2979** is the 20% darker color. If you saturate the color by 10%, you get **84.3700, 8.6916, -34.5275**, and if you desaturate by 10%, it is **90.3500, 5.7435, -22.2319**.

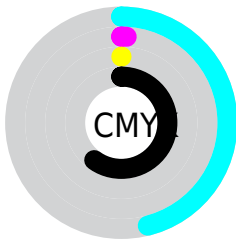
Distribution







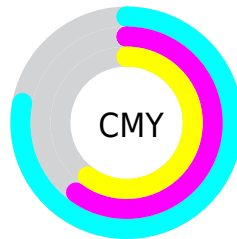
-  Red (22%)
-  Green (40%)
-  Blue (40%)






-  Red (22%)
-  Yellow (31%)
-  Blue (40%)



-  Cyan (46%)
-  Magenta (1%)
-  Yellow (0%)
-  Black (60%)



-  Cyan (78%)
-  Magenta (60%)
-  Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 87.3600, 7.2175, -28.3797 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 87.3600, 7.2175, -28.3797 by changing the saturation by 10% instead.

87.3600, 7.2175,
-28.3797

87.3600, 7.2175,
-28.3797

255.0000, 0.0000,
0.0000

63.0610, 7.3649,
-28.9945

138.0610, 7.3649,
-28.9945

37.9680, 8.3968,
-33.2979

164.7620, 7.5123,
-29.6093

23.2470, 5.3012,
-20.3876

191.7620, 7.5123,
-29.6093

1.3680, 5.2416,
-1.1997

220.3490, 7.2229,
-30.1241

0.0000, 0.0000,
0.0000

242.7410, 6.0437,
-25.2059

251.4120, 1.7689,

-7.3773

■ 87.3600, 7.2175,
-28.3797

■ 87.3600, 7.2175,
-28.3797

■ 84.3700, 8.6916,
-34.5275

■ 90.3500, 5.7435,
-22.2319

■ 81.3800, 10.1657,
-40.6753

■ 93.3400, 4.2694,
-16.0842

■ 77.5040, 12.0765,
-46.9230

■ 97.2160, 2.3585,
-9.8364

■ 74.5140, 13.5506,
-53.0708

■ 100.2060, 0.8844,
-3.6887

■ 71.5240, 15.0247,
-59.2185

■ 103.1960, -0.5896,
2.4591

■ 70.3280, 15.6143,
-61.6777

■ 106.1860, -2.0637,
8.6069

■ 109.7630, -3.8272,
14.2398

■ 113.0520, -5.4486,
21.0024

■ 116.0420, -6.9227,
27.1502

Harmonies

Analogous

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



88.4550, -0.2243, -21.4470



87.3600, 7.2175, -28.3797



88.0380, 12.3063, -27.2203

Triad

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



87.3600, 7.2175, -28.3797



95.4170, 7.6824, 9.2813



93.4610, -12.5523, 12.7507

Complementary

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



87.3600, 7.2175, -28.3797



69.6400, -7.2175, 28.3797

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.



94.4880, -10.1006, 19.7430



87.3600, 7.2175, -28.3797



95.5770, 1.6875, 18.7880

Square

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



87.3600, 7.2175, -28.3797



94.1810, 12.2358, -4.5437



95.1770, -5.0173, 22.6468



91.6230, -11.6461, 2.0846

Rectangle

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



87.3600, 7.2175, -28.3797



89.8260, 13.8898, -21.7724



95.1770, -5.0173, 22.6468



93.8850, -12.2683, 15.0099

Sweetspot

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



87.3600, 7.2175, -28.3797



126.7320, 3.0901, -11.1660



82.7030, -13.1646, -24.2955



62.7110, 1.6215, -6.7625



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



87.3600, 7.2175, -28.3797



109.9990, 11.3395, -43.8491



73.8590, 13.8735, -16.5393



49.5050, 0.7370, -3.0739



78.8540, 17.8200, -69.1550



166.7070, 37.1194, -146.2020

Inverse Universe

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



74.2970, 13.1646, 24.2955



89.9210, 20.2519, 37.7803



83.1410, -13.8735, 16.5393



48.0650, 1.4470, 2.5740



47.1530, 31.9696, 59.5018



99.3760, 67.8486, 125.0812

Previews

White Background



This preview shows how the YUV color 87.3600, 7.2175, -28.3797 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 87.3600, 7.2175, -28.3797 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

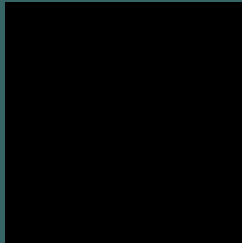
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 87.3600, 7.2175, -28.3797

Background



This preview shows how black text looks on a background with the YUV color 87.3600, 7.2175, -28.3797.



This preview shows how white text looks on a background with the YUV color 87.3600, 7.2175, -28.3797.

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

87.3600, 7.2175, -28.3797

Protanopia

93.7550, 1.5998, 0.2149

Deuteranopia

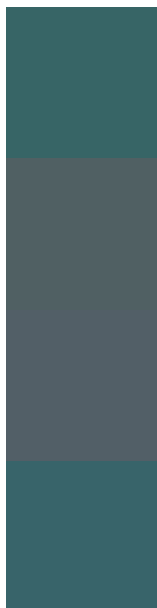
94.2760, 4.7939, 2.3889



Tritanopia

88.0550, 9.8329, -27.2352

Trichromacy



Original Color

87.3600, 7.2175, -28.3797

Protanomaly

91.5580, 3.6689, -10.1364

Deuteranomaly

92.0250, 5.4107, -8.7919

Tritanomaly

87.5280, 9.1067, -27.6501

Monochromacy



Original Color

87.3600, 7.2175, -28.3797

Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

86.9170, 2.5059, -10.4512

CSS Examples

Text

The CSS property to change the color of the text to YUV 87.3600, 7.2175, -28.3797 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(55, 101, 102)` looks like.

```
.text, #text, p{  
    color:rgb(55, 101, 102)  
}
```

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(55, 101, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 101, 102) }
```

Border

The CSS property to change the border of an element to YUV 87.3600, 7.2175, -28.3797 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(55, 101, 102) }
```


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

```
.border{ border-color:rgb(55, 101, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 101, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 101, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 101, 102);  
box-shadow:4px 4px 4px 4px rgb(55, 101,  
102) }
```

Background

The CSS property to change the background color of an element to YUV 87.3600, 7.2175, -28.3797 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 101, 102) }
```

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

```
.background{ background-color: rgb(55, 101,  
102) }
```

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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