

Converting Colors

YUV(87.3170, 2.3087, -40.6200)

Have a look what the booklet for
YUV(87.3170, 2.3087, -40.6200)
contains.

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Color

**YUV(87.3170, 2.3087,
-40.6200)**

Conversions

Conversions Part 1

Format	Color
Hex	296E5C
RGB	41, 110, 92
RGB Percent	16%, 43%, 36%
CMY	0.8392, 0.5686, 0.6392
CMYK	0.63, 0.00, 0.16, 0.57
HSL	164°, 46%, 30%
HSV	164°, 63%, 43%
XYZ	8.4221, 12.3960, 12.0740
YIQ	87.3170, -35.3460, -20.2260

Conversions

Conversions Part 2

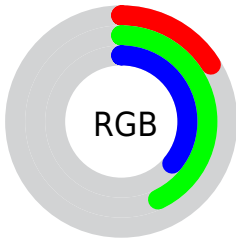
Format	Color
RYB	41, 81, 110
Decimal	2715228
CIELab	41.84, -26.39, 3.64
CIELCh	42, 26.643, 172.157
Yxy	12.3960, 0.2561, 0.3769
Android (android.graphics.Color)	4280905308 (0xFF296E5C)
YUV	87.3170, 2.3087, -40.6200
Hunter-Lab	35.2079, -18.9146, 4.3130




Details

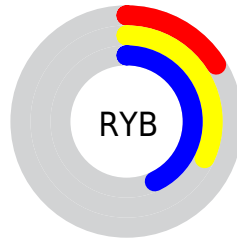
The YUV color **87.3170, 2.3087, -40.6200** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **63.6830, -2.3087, 40.6200**, and the grayscale version is **87.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **139.3880, 1.2877, -39.8053**, and **41.6380, 2.1505, -36.5165** is the 20% darker color. If you saturate the color by 10%, you get **83.6860, 2.6198, -47.0826**, and if you desaturate by 10%, it is **90.9480, 1.9976, -34.1574**.

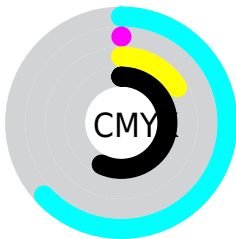
Distribution







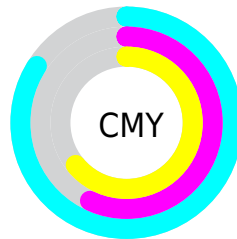
-  Red (16%)
-  Green (43%)
-  Blue (36%)






-  Red (16%)
-  Yellow (32%)
-  Blue (43%)



-  Cyan (63%)
-  Magenta (0%)
-  Yellow (16%)
-  Black (57%)



-  Cyan (84%)
-  Magenta (57%)
-  Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 87.3170, 2.3087, -40.6200 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 87.3170, 2.3087, -40.6200 by changing the saturation by 10% instead.

■ 87.3170, 2.3087,
-40.6200

■ 87.3170, 2.3087,
-40.6200

■ 255.0000, 0.0000,
0.0000

■ 59.8540, 4.5090,
-46.3530

■ 139.3880, 1.2877,
-39.8053

■ 41.6380, 2.1505,
-36.5165

■ 166.3880, 1.2877,
-39.8053

■ 25.8570, 0.0705,
-22.6766

■ 193.9750, 0.9983,
-40.3201

■ 7.0440, -3.4727,
-6.1776

■ 222.2630, 0.8563,
-41.4497

■ 0.0000, 0.0000,
0.0000

■ 239.4090, 6.2074,
-31.0537

■ 248.1230, 3.3904,

-14.1399

■ 87.3170, 2.3087,
-40.6200

■ 87.3170, 2.3087,
-40.6200

■ 83.6860, 2.6198,
-47.0826

■ 90.9480, 1.9976,
-34.1574

■ 80.0550, 2.9309,
-53.5452

■ 94.5790, 1.6866,
-27.6948

■ 76.4240, 3.2420,
-60.0078

■ 98.2100, 1.3755,
-21.2322

■ 73.8040, 3.5476,
-64.7261

■ 101.7270, 0.6276,
-14.6696

■ 105.3580, 0.3165,
-8.2070

■ 108.9890, 0.0054,
-1.7444

■ 112.6200, -0.3057,
4.7183

■ 116.2510, -0.6167,
11.1809

■ 119.8820, -0.9278,
17.6435

Harmonies

Analogous

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



92.1320, -10.4181, -18.5328



87.3170, 2.3087, -40.6200



77.5660, 17.9620, -68.0254

Triad

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



87.3170, 2.3087, -40.6200



99.4180, 19.5139, -5.6286



99.1320, -16.8271, 30.5792

Complementary

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



87.3170, 2.3087, -40.6200



63.6830, -2.3087, 40.6200

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.



99.7550, -8.2602, 36.1719



87.3170, 2.3087, -40.6200



101.6120, 12.0233, 17.0033

Square

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



87.3170, 2.3087, -40.6200



93.0940, 24.1107, -33.4084



101.0670, 1.9390, 31.5132



97.3170, -20.8623, 18.1390

Rectangle

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



87.3170, 2.3087, -40.6200



78.4610, 23.9297, -68.8103



101.0670, 1.9390, 31.5132



99.7240, -14.6539, 33.5681

Sweetspot

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



87.3170, 2.3087, -40.6200



134.1290, 0.9224, -15.8991



86.8850, -22.6213, -24.4551



65.7600, 0.6113, -9.4365



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



87.3170, 2.3087, -40.6200



107.8150, 3.5422, -62.9818



79.9770, 14.8013, -34.1828



54.0920, 0.4476, -3.5887



80.5860, 4.1481, -70.6739



165.8510, 8.4545, -145.4513

Inverse Universe

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



63.6830, -2.3087, 40.6200



71.1850, -3.5422, 62.9818



71.0230, -14.8013, 34.1828



52.0220, -0.0108, 3.4887



39.4140, -4.1481, 70.6739



81.2630, -8.0177, 145.3513

Previews

White Background



This preview shows how the YUV color 87.3170, 2.3087, -40.6200 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 87.3170, 2.3087, -40.6200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

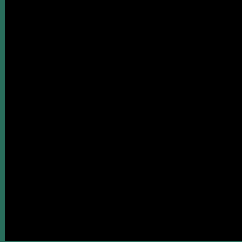
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 87.3170, 2.3087, -40.6200

Background



This preview shows how black text looks on a background with the YUV color 87.3170, 2.3087, -40.6200.



This preview shows how white text looks on a background with the YUV color 87.3170, 2.3087, -40.6200.

-40.6200.

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

87.3170, 2.3087, -40.6200

Protanopia

98.1270, -5.9786, 4.2736

Deuteranopia

99.1860, -2.0637, 8.6069



Tritanopia

90.8690, 11.8966, -35.8421

Trichromacy



Original Color

87.3170, 2.3087, -40.6200

Protanomaly

93.8260, -2.8722, -12.1254

Deuteranomaly

94.5320, -0.2623, -9.2366

Tritanomaly

89.6470, 8.5550, -37.4014

Monochromacy



Original Color

87.3170, 2.3087, -40.6200

Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

86.8410, 1.0644, -14.7696

CSS Examples

Text

The CSS property to change the color of the text to YUV 87.3170, 2.3087, -40.6200 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(41, 110, 92)` looks like.

```
.text, #text, p{  
    color:rgb(41, 110, 92)  
}
```

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(41, 110, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 110, 92) }
```

Border

The CSS property to change the border of an element to YUV 87.3170, 2.3087, -40.6200 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(41, 110, 92) }
```


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

```
.border{ border-color:rgb(41, 110, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 110, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 110, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 110, 92);  
box-shadow:4px 4px 4px 4px rgb(41, 110,  
92) }
```

Background

The CSS property to change the background color of an element to YUV 87.3170, 2.3087, -40.6200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 110, 92) }
```

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

```
.background{ background-color: rgb(41, 110,  
92) }
```

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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