

Converting Colors

YUV(87.2710, 12.1914,
-37.0717)

Have a look what the booklet for
YUV(87.2710, 12.1914, -37.0717)
contains.

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Color

**YUV(87.2710, 12.1914,
-37.0717)**

Conversions

Conversions Part 1

Format	Color
Hex	2D6870
RGB	45, 104, 112
RGB Percent	18%, 41%, 44%
CMY	0.8235, 0.5922, 0.5608
CMYK	0.60, 0.07, 0.00, 0.56
HSL	187°, 43%, 31%
HSV	187°, 60%, 44%
XYZ	8.9571, 11.6284, 17.1016
YIQ	87.2710, -37.7320, -10.0200

Conversions

Conversions Part 2

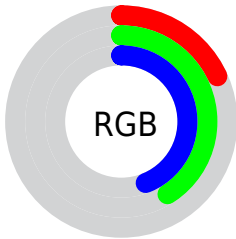
Format	Color
R_{YB}	45, 76, 112
Decimal	2975856
CIE Lab	40.62, -16.51, -10.29
CIE LCh	41, 19.457, 211.925
Yxy	11.6284, 0.2377, 0.3086
Android (android.graphics.Color)	4281165936 (0xFF2D6870)
YUV	87.2710, 12.1914, -37.0717
Hunter-Lab	34.1004, -12.7892, -5.8642

Details

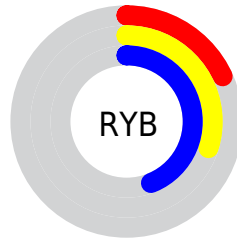
The YUV color **87.2710, 12.1914, -37.0717** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **69.7290, -12.1914, 37.0717**, and the grayscale version is **87.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **138.9830, 12.3334, -35.9421**, and **40.7550, 11.4598, -35.7421** is the 20% darker color. If you saturate the color by 10%, you get **83.3950, 14.1023, -43.3194**, and if you desaturate by 10%, it is **91.1470, 10.2805, -30.8239**.

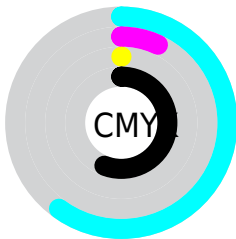
Distribution



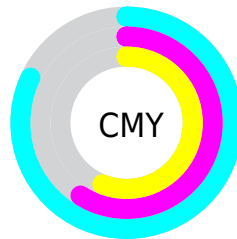
- Red (18%)
- Green (41%)
- Blue (44%)



- Red (18%)
- Yellow (30%)
- Blue (44%)



- Cyan (60%)
- Magenta (7%)
- Yellow (0%)
- Black (56%)



- Cyan (82%)
- Magenta (59%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 87.2710, 12.1914, -37.0717 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 87.2710, 12.1914, -37.0717 by changing the saturation by 10% instead.

87.2710, 12.1914,
-37.0717

87.2710, 12.1914,
-37.0717

255.0000, 0.0000,
0.0000

61.1780, 13.2232,
-41.3751

138.9830, 12.3334,
-35.9421

40.7550, 11.4598,
-35.7421

165.9830, 12.3334,
-35.9421

25.3330, 8.2168,
-22.2170

193.6840, 12.4808,
-36.5569

5.4430, 8.1626,
-4.7735

221.3850, 12.6282,
-37.1716

0.0000, 0.0000,
0.0000

240.9470, 6.9281,
-28.8945

249.6180, 2.6533,

-11.0660

■ 87.2710, 12.1914,
-37.0717

■ 87.2710, 12.1914,
-37.0717

■ 83.3950, 14.1023,
-43.3194

■ 91.1470, 10.2805,
-30.8239

■ 78.9320, 16.3025,
-49.0524

■ 95.6100, 8.0803,
-25.0910

■ 74.7570, 18.3608,
-55.9149

■ 99.7850, 6.0220,
-18.2284

■ 70.8810, 20.2717,
-62.1626

■ 103.6610, 4.1111,
-11.9807

■ 108.1240, 1.9109,
-6.2477

■ 112.0000, 0.0000,
0.0000

■ 115.8760, -1.9109,
6.2477

■ 120.6380, -4.2585,
12.5955

■ 124.5140, -6.1694,
18.8432

Harmonies

Analogous

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



88.4260, 3.7340, -31.0686



87.2710, 12.1914, -37.0717



89.7540, 16.3903, -30.4793

Triad

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



87.2710, 12.1914, -37.0717



98.1190, 6.3503, 16.5586



94.7550, -15.1622, 9.8619

Complementary

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



87.2710, 12.1914, -37.0717



69.7290, -12.1914, 37.0717

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.



96.1630, -13.8844, 20.0280



87.2710, 12.1914, -37.0717



97.8120, -1.3863, 24.7209

Square

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



87.2710, 12.1914, -37.0717



97.0400, 12.7983, 1.7189



96.9880, -8.3751, 26.3205



93.0630, -12.3561, -3.5633

Rectangle

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



87.2710, 12.1914, -37.0717



93.2220, 16.6526, -21.2427



96.9880, -8.3751, 26.3205



95.0760, -15.3205, 13.9653

Sweetspot

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



87.2710, 12.1914, -37.0717



135.4650, 4.7008, -14.4398



85.2410, -15.8948, -35.2914



68.0420, 2.9373, -8.8068



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



87.2710, 12.1914, -37.0717



106.8600, 18.8030, -57.7592



67.9000, 21.7413, -20.0833



53.6190, 1.1738, -3.1739



75.9020, 21.7403, -66.5661



156.1240, 44.8019, -136.9207

Inverse Universe

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



71.7590, 15.8948, 35.2914



82.5840, 24.8551, 54.7388



89.1000, -21.7413, 20.0833



52.3640, 1.2995, 3.1888



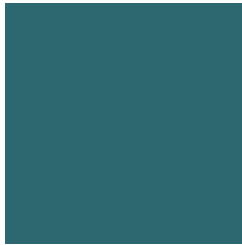
47.9640, 28.6117, 63.1756



98.7050, 58.8124, 130.0547

Previews

White Background



This preview shows how the YUV color 87.2710, 12.1914, -37.0717 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 87.2710, 12.1914, -37.0717 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

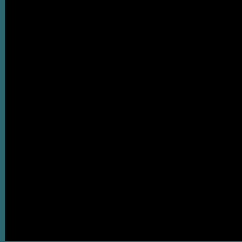
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 87.2710, 12.1914, -37.0717

Background



This preview shows how black text looks on a background with the YUV color 87.2710, 12.1914, -37.0717.



This preview shows how white text looks on a background with the YUV color 87.2710, 12.1914,

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

87.2710, 12.1914, -37.0717

Protanopia

95.9550, 4.9522, -1.7145

Deuteranopia

95.9920, 8.8779, -0.8700



Tritanopia

87.2710, 12.1914, -37.0717

Trichromacy



Original Color

87.2710, 12.1914, -37.0717

Protanomaly

92.5620, 7.6109, -14.5249

Deuteranomaly

92.8440, 9.9369, -13.8952

Tritanomaly

87.2710, 12.1914, -37.0717

Monochromacy



Original Color

87.2710, 12.1914, -37.0717

Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

87.0630, 4.4059, -13.2103

CSS Examples

Text

The CSS property to change the color of the text to YUV 87.2710, 12.1914, -37.0717 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(45, 104, 112)` looks like.

```
.text, #text, p{  
    color:rgb(45, 104, 112)  
}
```

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(45, 104, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 104, 112) }
```

Border

The CSS property to change the border of an element to YUV 87.2710, 12.1914, -37.0717 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(45, 104, 112) }
```


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

```
.border{ border-color:rgb(45, 104, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(45, 104, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 104, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 104, 112);  
box-shadow:4px 4px 4px 4px rgb(45, 104,  
112) }
```

Background

The CSS property to change the background color of an element to YUV 87.2710, 12.1914, -37.0717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 104, 112) }
```

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

```
.background{ background-color: rgb(45, 104,  
112) }
```

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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