

Converting Colors

YUV(89.3030, 14.1476, 35.6913)

Have a look what the booklet for
YUV(89.3030, 14.1476, 35.6913)
contains.

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Color

**YUV(89.3030, 14.1476,
35.6913)**

Conversions

Conversions Part 1

Format	Color
Hex	823F76
RGB	130, 63, 118
RGB Percent	51%, 25%, 46%
CMY	0.4902, 0.7529, 0.5373
CMYK	0.00, 0.52, 0.09, 0.49
HSL	311°, 35%, 38%
HSV	311°, 52%, 51%
XYZ	14.2534, 9.6088, 18.2430
YIQ	89.3030, 22.2770, 31.3090

Conversions

Conversions Part 2

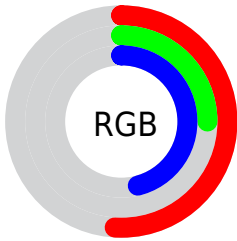
Format	Color
R_{YB}	130, 63, 118
Decimal	8535926
CIE _{Lab}	37.13, 36.63, -18.65
CIE _{LCh}	37, 41.105, 333.014
Yxy	9.6088, 0.3385, 0.2282
Android (android.graphics.Color)	4286726006 (0xFF823F76)
YUV	89.3030, 14.1476, 35.6913
Hunter-Lab	30.9981, 27.8304, -13.1946

Details

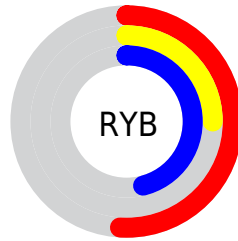
The YUV color **89.3030, 14.1476, 35.6913** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **103.6970, -14.1476, -35.6913**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **141.0260, 14.2842, 38.5652**, and **38.2320, 15.1686, 34.8765** is the 20% darker color. If you saturate the color by 10%, you get **81.4440, 17.0361, 42.5836**, and if you desaturate by 10%, it is **97.1620, 11.2591, 28.7989**.

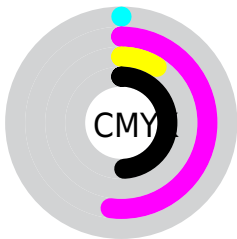
Distribution



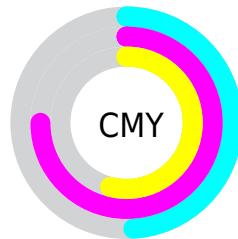
- Red (51%)
- Green (25%)
- Blue (46%)



- Red (51%)
- Yellow (25%)
- Blue (46%)



- Cyan (0%)
- Magenta (52%)
- Yellow (9%)
- Black (49%)



- Cyan (49%)
- Magenta (75%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.3030, 14.1476, 35.6913 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 89.3030, 14.1476, 35.6913 by changing the saturation by 10% instead.

89.3030, 14.1476,
35.6913

89.3030, 14.1476,
35.6913

255.0000, 0.0000,
0.0000

64.0040, 14.2950,
35.0765

141.0260, 14.2842,
38.5652

38.2320, 15.1686,
34.8765

168.4390, 14.5736,
39.0800

21.5040, 12.5695,
28.4990

196.1510, 14.7156,
40.2096

12.5320, 6.6397,
17.0734

219.0790, 17.2161,
31.5027

0.0000, 0.0000,
0.0000

235.6290, 9.5499,
16.9884

252.6520, 1.1576,

2.0592

■ 89.3030, 14.1476,
35.6913

■ 89.3030, 14.1476,
35.6913

■ 81.4440, 17.0361,
42.5836

■ 97.1620, 11.2591,
28.7989

■ 73.4710, 19.4878,
49.5759

■ 105.1350, 8.8074,
21.8066

■ 65.6120, 22.3763,
56.4683

■ 112.9940, 5.9190,
14.9143

■ 57.7530, 25.2648,
63.3606

■ 120.8530, 3.0305,
8.0219

■ 51.0680, 27.5745,
69.2234

■ 128.8260, 0.5788,
1.0296

■ 136.6850, -2.3097,
-5.8627

■ 144.5440, -5.1982,
-12.7551

■ 152.5170, -7.6499,
-19.7474

■ 160.3760,
-10.5384, -26.6398

Harmonies

Analogous

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



89.0090, 26.6176, 2.6231



89.3030, 14.1476, 35.6913



86.2160, -0.5995, 52.4306

Triad

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



89.3030, 14.1476, 35.6913



82.7500, -34.3867, 16.0053



74.4830, 23.9189, -65.3216

Complementary

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



89.3030, 14.1476, 35.6913



103.6970, -14.1476, -35.6913

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.



70.7210, 9.5045, -62.0223



89.3030, 14.1476, 35.6913



79.7620, -26.0117, -10.3153

Square

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



89.3030, 14.1476, 35.6913



84.7880, -28.4895, 37.8969



67.1660, -5.5048, -54.5196



74.7570, 35.1228, -65.5619

Rectangle

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



89.3030, 14.1476, 35.6913



85.1810, -10.9352, 54.2153



67.1660, -5.5048, -54.5196



73.2290, 19.1141, -64.2218

Sweetspot

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



89.3030, 14.1476, 35.6913



152.8690, 5.4876, 13.2699



73.9270, 27.6440, 0.0640



74.8530, 3.0305, 8.0219



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



89.3030, 14.1476, 35.6913



104.9000, 22.2343, 55.3387



85.5410, -0.2667, 38.9905



59.7770, 1.5889, 3.7036



50.2420, 26.9957, 68.1938



0.0000, 0.0000, 0.0000

Inverse Universe

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



89.3030, 14.1476, 35.6913



104.9000, 22.2343, 55.3387



107.4590, 0.2667, -38.9905



59.7770, 1.5889, 3.7036



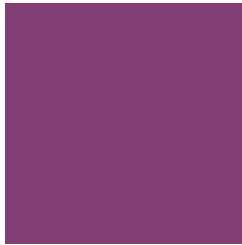
50.2420, 26.9957, 68.1938



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 89.3030, 14.1476, 35.6913 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 ✓ Pass

Black Background



This preview shows how the YUV color 89.3030, 14.1476, 35.6913 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 89.3030, 14.1476, 35.6913

Background



This preview shows how black text looks on a background with the YUV color 89.3030, 14.1476, 35.6913.



This preview shows how white text looks on a background with the YUV color 89.3030, 14.1476,

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

89.3030, 14.1476, 35.6913

Protanopia

87.0300, 24.6352, -14.9353

Deuteranopia

88.2950, 12.6726, -4.6437



Tritanopia

88.8300, -5.3392, 32.5981

Trichromacy



Original Color

89.3030, 14.1476, 35.6913

Protanomaly

88.1140, 20.6498, 3.4080

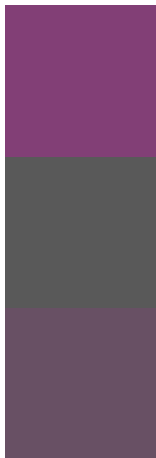
Deuteranomaly

88.7960, 12.9186, 9.8259

Tritanomaly

89.0780, 1.9335, 33.2576

Monochromacy



Original Color

89.3030, 14.1476, 35.6913

Achromatopsia

89.0000, 0.0000, 0.0000

Achromatomaly

89.4560, 5.1982, 12.7551

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.3030, 14.1476, 35.6913 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(130, 63, 118)` looks like.

```
.text, #text, p{  
    color:rgb(130, 63, 118)  
}
```

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(130, 63, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 63, 118) }
```

Border

The CSS property to change the border of an element to YUV 89.3030, 14.1476, 35.6913 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(130, 63, 118) }
```


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

```
.border{ border-color:rgb(130, 63, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 63, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 63, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 63, 118);  
box-shadow:4px 4px 4px 4px rgb(130, 63,  
118) }
```

Background

The CSS property to change the background color of an element to YUV 89.3030, 14.1476, 35.6913 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 63, 118) }
```

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

```
.background{ background-color: rgb(130, 63,  
118) }
```

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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