

Converting Colors

YUV(87.3210, 36.8167, -2.0355)

Have a look what the booklet for
YUV(87.3210, 36.8167, -2.0355)
contains.

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Color

**YUV(87.3210, 36.8167,
-2.0355)**

Conversions

Conversions Part 1

Format	Color
Hex	554AA2
RGB	85, 74, 162
RGB Percent	33%, 29%, 64%
CMY	0.6667, 0.7098, 0.3647
CMYK	0.48, 0.54, 0.00, 0.36
HSL	248°, 37%, 46%
HSV	248°, 54%, 64%
XYZ	12.7167, 9.4375, 35.3338
YIQ	87.3210, -21.6920, 29.7000

Conversions

Conversions Part 2

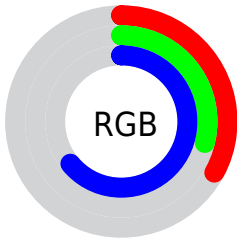
Format	Color
R _Y B	85, 74, 162
Decimal	5589666
CIE Lab	36.81, 28.09, -46.38
CIE LCh	37, 54.222, 301.198
Yxy	9.4375, 0.2212, 0.1642
Android (android.graphics.Color)	4283779746 (0xFF554AA2)
YUV	87.3210, 36.8167, -2.0355
Hunter-Lab	30.7205, 20.1288, -46.6892

Details

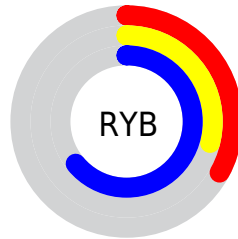
The YUV color $87.3210, 36.8167, -2.0355$ is a dark color, and the websafe version is hex $6666CC$. A complement of this color would be $148.6790, -36.8167, 2.0355$, and the grayscale version is $87.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $138.6140, 39.1373, 0.3385$, and $38.2230, 35.3861, -9.8426$ is the 20% darker color. If you saturate the color by 10%, you get $73.7430, 43.5107, -2.4056$, and if you desaturate by 10%, it is $100.8990, 30.1228, -1.6654$.

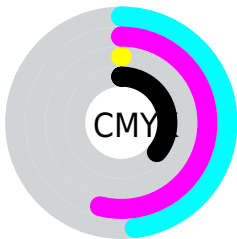
Distribution



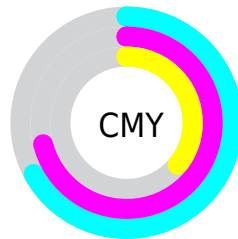
- Red (33%)
- Green (29%)
- Blue (64%)



- Red (33%)
- Yellow (29%)
- Blue (64%)



- Cyan (48%)
- Magenta (54%)
- Yellow (0%)
- Black (36%)



- Cyan (67%)
- Magenta (71%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 87.3210, 36.8167, -2.0355 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 87.3210, 36.8167, -2.0355 by changing the saturation by 10% instead.

■ 87.3210, 36.8167,
-2.0355

■ 87.3210, 36.8167,
-2.0355

■ 255.0000, 0.0000,
0.0000

■ 62.6690, 35.6592,
-4.0947

■ 138.6140, 39.1373,
0.3385

■ 38.2230, 35.3861,
-9.8426

■ 165.4400, 39.7161,
1.3681

■ 14.9730, 34.5233,
-13.1313

■ 190.9860, 31.5589,
4.3973

■ 6.9540, 26.6447,
-6.0987

■ 215.5060, 19.4705,
8.3262

■ 6.0930, 15.7302,
-5.3436

■ 240.6130, 7.0928,
11.7404

■ 2.2970, 6.2626,
-2.0145

■ 0.0000, 0.0000,

0.0000

■ 87.3210, 36.8167,
-2.0355

■ 87.3210, 36.8167,
-2.0355

■ 73.7430, 43.5107,
-2.4056

■ 100.8990, 30.1228,
-1.6654

■ 60.1650, 50.2047,
-2.7757

■ 114.4770, 23.4288,
-1.2953

■ 45.7010, 57.3354,
-3.2458

■ 128.9410, 16.2981,
-0.8253

■ 32.1230, 64.0294,
-3.6159

■ 142.5190, 9.6041,
-0.4552

■ 24.4480, 67.8131,
-3.9009

■ 156.0970, 2.9102,
-0.0851

■ 169.6750, -3.7838,
0.2850

■ 183.2530,
-10.4777, 0.6551

■ 197.4180,
-17.4611, 0.5104

■ 211.2950,
-24.3024, 1.4953

Harmonies

Analogous

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



73.9540, 49.8157, -64.8577



87.3210, 36.8167, -2.0355



86.2040, 21.0984, 46.3021

Triad

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



87.3210, 36.8167, -2.0355



80.8790, -39.8733, 49.2181



72.1400, 7.3260, -63.2668

Complementary

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



87.3210, 36.8167, -2.0355



148.6790, -36.8167, 2.0355

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.



65.1350, -11.8986, -57.1234



87.3210, 36.8167, -2.0355



80.9910, -39.9286, 20.1789

Square

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



87.3210, 36.8167, -2.0355



79.5590, -17.5306, 69.6698



74.8790, -36.9153, -13.0489



77.1560, 26.5451, -67.6658

Rectangle

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



87.3210, 36.8167, -2.0355



80.1760, 10.2662, 67.3746



74.8790, -36.9153, -13.0489



69.8430, 1.0634, -61.2523

Sweetspot

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



87.3210, 36.8167, -2.0355



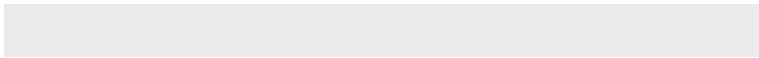
183.0720, 14.2615, -0.9401



129.8180, 15.8657, -48.9524



89.8780, 8.4411, -0.7700



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



87.3210, 36.8167, -2.0355



94.8150, 57.7722, -3.3458



100.1780, 30.4782, 24.3999



74.3250, 3.7838, -0.2850



21.9120, 60.6824, -3.4308



2.6500, 7.5675, -0.5700

Inverse Universe

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



109.0900, 20.6616, 46.4021



128.9420, 32.0736, 72.8419



135.8220, -30.4782, -24.3999



76.6030, 2.1677, 4.7332



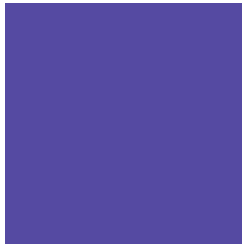
57.8330, 34.0993, 76.4455



7.2060, 4.3354, 9.4663

Previews

White Background



This preview shows how the YUV color 87.3210, 36.8167, -2.0355 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 87.3210, 36.8167, -2.0355 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

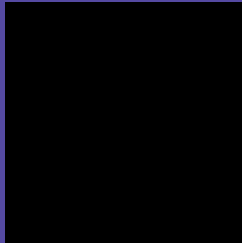
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 87.3210, 36.8167, -2.0355

Background



This preview shows how black text looks on a background with the YUV color 87.3210, 36.8167, -2.0355.



This preview shows how white text looks on a background with the YUV color 87.3210, 36.8167,

-2.0355.

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

87.3210, 36.8167, -2.0355

Protanopia

77.2880, 46.6930, -43.2256

Deuteranopia

69.4400, 42.6741, -60.8989



Tritanopia

84.0350, 6.8847, -14.9397

Trichromacy



Original Color

87.3210, 36.8167, -2.0355

Protanomaly

80.7630, 43.0078, -27.8562

Deuteranomaly

76.0020, 40.4250, -39.4668

Tritanomaly

85.2280, 17.6356, -9.8470

Monochromacy



Original Color

87.3210, 36.8167, -2.0355

Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

86.8440, 13.3879, -0.7402

CSS Examples

Text

The CSS property to change the color of the text to YUV 87.3210, 36.8167, -2.0355 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(85, 74, 162)` looks like.

```
.text, #text, p{  
    color:rgb(85, 74, 162)  
}
```

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(85, 74, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 74, 162) }
```

Border

The CSS property to change the border of an element to YUV 87.3210, 36.8167, -2.0355 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(85, 74, 162) }
```


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

```
.border{ border-color:rgb(85, 74, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 74, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 74, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 74, 162);  
box-shadow:4px 4px 4px 4px rgb(85, 74,  
162) }
```

Background

The CSS property to change the background color of an element to YUV 87.3210, 36.8167, -2.0355 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 74, 162) }
```

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

```
.background{ background-color: rgb(85, 74,  
162) }
```

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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