

Converting Colors

YUV(53.6890, 58.8203,
-12.8823)

Have a look what the booklet for
YUV(53.6890, 58.8203, -12.8823)
contains.

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Color

**YUV(53.6890, 58.8203,
-12.8823)**

Conversions

Conversions Part 1

Format	Color
Hex	2726AD
RGB	39, 38, 173
RGB Percent	15%, 15%, 68%
CMY	0.8471, 0.8510, 0.3216
CMYK	0.77, 0.78, 0.00, 0.32
HSL	240°, 64%, 41%
HSV	240°, 78%, 68%
XYZ	9.0726, 4.8347, 39.9902
YIQ	53.6890, -42.7390, 42.1970

Conversions

Conversions Part 2

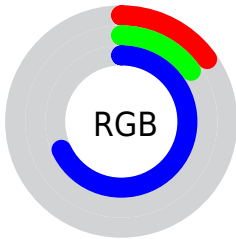
Format	Color
R _Y B	39, 38, 173
Decimal	2565805
CIE Lab	26.26, 46.36, -70.37
CIE LCh	26, 84.267, 303.377
Yxy	4.8347, 0.1683, 0.0897
Android (android.graphics.Color)	4280755885 (0xFF2726AD)
YUV	53.6890, 58.8203, -12.8823
Hunter-Lab	21.9879, 35.1736, -92.4411




Details

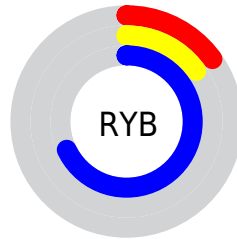
The YUV color **53.6890, 58.8203, -12.8823** is a dark color, and the websafe version is hex **3333CC**. A complement of this color would be **157.3110, -58.8203, 12.8823**, and the grayscale version is **53.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **108.9940, 59.6560, -0.8717**, and **13.5660, 51.9790, -11.8974** is the 20% darker color. If you saturate the color by 10%, you get **38.6270, 66.2459, -14.5819**, and if you desaturate by 10%, it is **68.7510, 51.3948, -11.1826**.

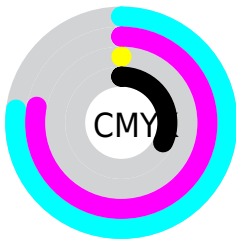
Distribution







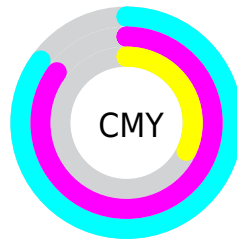
-  Red (15%)
-  Green (15%)
-  Blue (68%)







-  Red (15%)
-  Yellow (15%)
-  Blue (68%)



-  Cyan (77%)
-  Magenta (78%)
-  Yellow (0%)
-  Black (32%)



-  Cyan (85%)
-  Magenta (85%)
-  Yellow (32%)
-  Black (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 53.6890, 58.8203, -12.8823 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 53.6890, 58.8203, -12.8823 by changing the saturation by 10% instead.

■ 53.6890, 58.8203,
-12.8823

■ 53.6890, 58.8203,
-12.8823

■ 255.0000, 0.0000,
0.0000

■ 25.4490, 59.4316,
-22.3188

■ 108.9940, 59.6560,
-0.8717

■ 13.5660, 51.9790,
-11.8974

■ 135.4890, 58.9189,
2.2021

■ 10.6020, 40.6222,
-9.2980

■ 159.1340, 47.2619,
7.7755

■ 12.5620, 27.8239,
-11.0169

■ 183.9530, 35.0262,
12.3192

■ 6.8910, 18.7877,
-6.0434

■ 209.3590, 22.5010,
16.3482

■ 3.3230, 10.1938,
-2.9143

■ 233.8680, 10.4181,

■ 0.0000, 0.0000,

18.5328

0.0000

250.3040, 2.3151,
4.1184

53.6890, 58.8203,
-12.8823

53.6890, 58.8203,
-12.8823

38.6270, 66.2459,
-14.5819

68.7510, 51.3948,
-11.1826

22.9780, 73.9608,
-15.7667

84.4000, 43.6798,
-9.9978

20.0210, 75.4186,
-16.6814

99.7610, 36.1068,
-7.6834

114.8230, 28.6813,
-5.9838

130.4720, 20.9663,
-4.7989

■ 145.5340, 13.5407,
-3.0993

■ 160.5960, 6.1152,
-1.3997

■ 175.6580, -1.3104,
0.2999

■ 191.6060, -9.1728,
2.0995

Harmonies

Analogous

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



64.6080, 64.7763, -56.6612



53.6890, 58.8203, -12.8823



55.0560, 32.5104, 72.7419

Triad

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



53.6890, 58.8203, -12.8823



52.9030, -26.0812, 58.8441



56.4730, 5.6828, -49.5268

Complementary

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



53.6890, 58.8203, -12.8823



157.3110, -58.8203, 12.8823

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.



47.5470, -23.4407, -41.6987



53.6890, 58.8203, -12.8823



58.2100, -28.6975, 11.2168

Square

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



53.6890, 58.8203, -12.8823



46.0460, -22.7007, 94.6757



44.6120, -21.9937, -39.1247



65.0570, 33.4959, -57.0550

Rectangle

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



53.6890, 58.8203, -12.8823



56.8460, 10.9219, 90.4661



44.6120, -21.9937, -39.1247



53.2640, -4.0742, -46.7125

Sweetspot

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



53.6890, 58.8203, -12.8823



178.8140, 22.2767, -5.0989



132.6350, 19.8999, -82.9949



84.5340, 13.5407, -3.0993



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



53.6890, 58.8203, -12.8823



37.6520, 91.8696, -19.8658



73.7220, 48.9441, 28.3078



79.0260, 3.9312, -0.8998



17.3990, 65.3723, -14.3819



2.6220, 10.0464, -2.2995

Inverse Universe

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



93.6410, 38.6310, 69.5978



100.0290, 60.6247, 108.7226



137.5770, -49.0915, -27.6930



81.7170, 2.6045, 4.6332



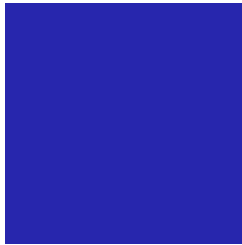
61.8360, 42.9719, 77.3198



9.4990, 6.6560, 11.8404

Previews

White Background



This preview shows how the YUV color 53.6890, 58.8203, -12.8823 looks on a white background.

Color Contrast Check

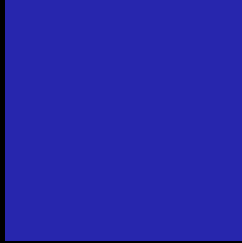
Large Text (above 18pt) WCAG AA ✓ Pass

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 53.6890, 58.8203, -12.8823 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

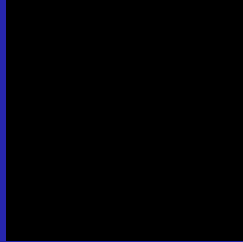
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 53.6890, 58.8203, -12.8823

Background



This preview shows how black text looks on a background with the YUV color 53.6890, 58.8203, -12.8823.



This preview shows how white text looks on a background with the YUV color 53.6890, 58.8203, -12.8823.

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

53.6890, 58.8203, -12.8823

Deuteranopia

49.8800, 28.6532, -43.7448

Tritanopia

48.8250, 11.9183, -42.8195

Trichromacy



Original Color

53.6890, 58.8203, -12.8823

Deuteranomaly

51.5190, 39.6771, -32.9042

Tritanomaly

50.6580, 28.7626, -32.1491

Monochromacy



Original Color

53.6890, 58.8203, -12.8823

Achromatopsia

54.0000, 0.0000, 0.0000

Achromatomaly

53.8850, 21.2557, -4.2841

CSS Examples

Text

The CSS property to change the color of the text to YUV 53.6890, 58.8203, -12.8823 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(39, 38, 173)` looks like.

```
.text, #text, p{  
    color:rgb(39, 38, 173)  
}
```

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(39, 38, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 38, 173) }
```

Border

The CSS property to change the border of an element to YUV 53.6890, 58.8203, -12.8823 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(39, 38, 173) }
```

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

```
.border{ border-color:rgb(39, 38, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(39, 38, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 38, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 38, 173);  
box-shadow:4px 4px 4px 4px rgb(39, 38,  
173) }
```


Background

The CSS property to change the background color of an element to YUV 53.6890, 58.8203, -12.8823 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 38, 173) }
```

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

```
.background{ background-color: rgb(39, 38,  
173) }
```

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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