

Converting Colors

YUV(59.1430, 87.1905,
-12.4034)

Have a look what the booklet for
YUV(59.1430, 87.1905, -12.4034)
contains.

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Color

**YUV(59.1430, 87.1905,
-12.4034)**

Conversions

Conversions Part 1

Format	Color
Hex	2D20EC
RGB	45, 32, 236
RGB Percent	18%, 13%, 93%
CMY	0.8235, 0.8745, 0.0745
CMYK	0.81, 0.86, 0.00, 0.07
HSL	244°, 84%, 53%
HSV	244°, 86%, 93%
XYZ	16.7390, 7.6470, 79.9507
YIQ	59.1430, -57.7360, 66.2000

Conversions

Conversions Part 2

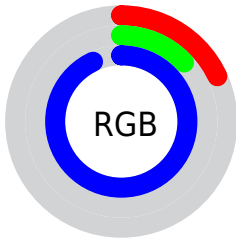
Format	Color
R _Y B	45, 32, 236
Decimal	2957548
CIE Lab	33.24, 68.04, -95.54
CIE LCh	33, 117.292, 305.455
Yxy	7.6470, 0.1604, 0.0733
Android (android.graphics.Color)	4281147628 (0xFF2D20EC)
YUV	59.1430, 87.1905, -12.4034
Hunter-Lab	27.6533, 59.6560, -152.0609

Details

The YUV color **59.1430, 87.1905, -12.4034** is a dark color, and the websafe version is hex **3333FF**. The color can be described as dark washed blue. A complement of this color would be **208.8570, -87.1905, 12.4034**, and the grayscale version is **58.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **117.5250, 67.7752, 8.3096**, and **20.2920, 77.7500, -17.7961** is the 20% darker color. If you saturate the color by 10%, you get **38.4770, 97.3788, -13.5733**, and if you desaturate by 10%, it is **79.8090, 77.0022, -11.2335**.

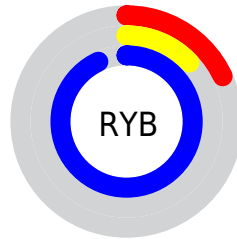
Distribution



Red (18%)

Green (13%)

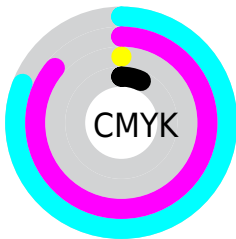
Blue (93%)



Red (18%)

Yellow (13%)

Blue (93%)

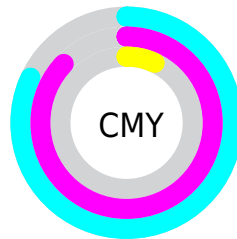


Cyan (81%)

Magenta (86%)

Yellow (0%)

Black (7%)



Cyan (82%)

Magenta (87%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 59.1430, 87.1905, -12.4034 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 59.1430, 87.1905, -12.4034 by changing the saturation by 10% instead.

■ 59.1430, 87.1905,
-12.4034

■ 59.1430, 87.1905,
-12.4034

■ 255.0000, 0.0000,
0.0000

■ 23.5980, 90.4172,
-20.6954

■ 117.5250, 67.7752,
8.3096

■ 20.2920, 77.7500,
-17.7961

■ 142.6540, 55.3866,
15.2124

■ 17.2140, 65.9565,
-15.0967

■ 168.3700, 42.7086,
21.6005

■ 14.0220, 53.7262,
-12.2973

■ 193.7870, 30.1780,
27.3738

■ 19.8630, 38.0285,
-17.4199

■ 219.7800, 17.3635,
30.8879

■ 12.9040, 29.1343,
-11.3168

■ 236.2160, 9.2605,

■ 7.9340, 20.2455,

16.4736

-6.9581

253.2390, 0.8682,
1.5444

3.6650, 11.5042,
-3.2142

0.0000, 0.0000,
0.0000

59.1430, 87.1905,
-12.4034

59.1430, 87.1905,
-12.4034

38.4770, 97.3788,
-13.5733

79.8090, 77.0022,
-11.2335

31.3890, 100.8732,
-14.3732

99.8880, 67.1032,
-9.5488

120.5540, 56.9149,
-8.3789

140.6330, 47.0159,
-6.6941

■ 161.2990, 36.8276,
-5.5242

■ 182.2640, 26.4918,
-3.7395

■ 202.3430, 16.5929,
-2.0548

■ 223.0090, 6.4046,
-0.8849

■ 243.0880, -3.4944,
0.7998

Harmonies

Analogous

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



83.0740, 84.7595, -72.8559



59.1430, 87.1905, -12.4034



75.1210, 40.8593, 101.6259

Triad

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



59.1430, 87.1905, -12.4034



62.7700, -30.9456, 79.1317



72.3510, 10.6730, -63.4518

Complementary

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



59.1430, 87.1905, -12.4034



208.8570, -87.1905, 12.4034

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.



60.4610, -29.8073, -53.0243



59.1430, 87.1905, -12.4034



72.3530, -35.6700, 7.5834

Square

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



59.1430, 87.1905, -12.4034



60.9960, -30.0710, 125.4145



57.5260, -28.3603, -50.4503



85.3010, 50.1376, -74.8090

Rectangle

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



59.1430, 87.1905, -12.4034



76.2400, 10.2347, 124.3235



57.5260, -28.3603, -50.4503



68.0020, -3.4520, -59.6378

Sweetspot

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



59.1430, 87.1905, -12.4034



197.7200, 28.2390, -4.1394



169.1340, 32.9649, -120.2665



93.1580, 17.1771, -2.7696



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



59.1430, 87.1905, -12.4034



33.8540, 109.0250, -15.6580



88.7440, 72.5972, 48.4595



107.2540, 4.8048, -1.0998



24.2220, 77.2916, -10.7187



7.0530, 23.1449, -3.5545

Inverse Universe

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



114.7700, 53.3574, 106.3187



103.4910, 66.8059, 132.8734



179.2560, -72.5972, -48.4595



110.5430, 3.1833, 5.6628



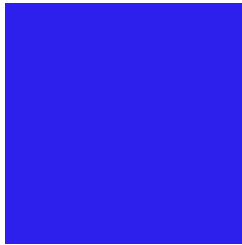
73.4990, 47.5750, 94.2784



21.8460, 13.8799, 28.1991

Previews

White Background



This preview shows how the YUV color 59.1430, 87.1905, -12.4034 looks on a white background.

Color Contrast Check

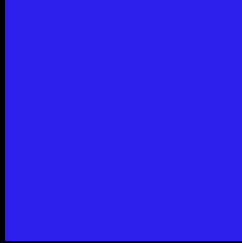
Large Text (above 18pt) WCAG AA ✓ Pass

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 59.1430, 87.1905, -12.4034 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

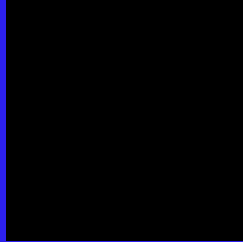
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 59.1430, 87.1905, -12.4034

Background



This preview shows how black text looks on a background with the YUV color 59.1430, 87.1905, -12.4034.



This preview shows how white text looks on a background with the YUV color 59.1430, 87.1905, -12.4034.

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

59.1430, 87.1905, -12.4034

Protanopia

61.9230, 46.8730, -54.3065

Deuteranopia

62.1220, 34.9429, -54.4810

Trichromacy



Original Color

59.1430, 87.1905, -12.4034

Protanomaly

60.6210, 61.8118, -39.1326

Deuteranomaly

61.1450, 53.6655, -39.5922

Monochromacy



Original Color

59.1430, 87.1905, -12.4034

Achromatopsia

59.0000, 0.0000, 0.0000

Achromatomaly

58.9310, 31.5860, -4.3245

CSS Examples

Text

The CSS property to change the color of the text to YUV 59.1430, 87.1905, -12.4034 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, 32, 236)` looks like.

```
.text, #text, p{  
    color:rgb(45, 32, 236)  
}
```

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, 32, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 32, 236) }
```

Border

The CSS property to change the border of an element to YUV 59.1430, 87.1905, -12.4034 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, 32, 236) }
```

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

```
.border{ border-color:rgb(45, 32, 236) }
```

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

Here you see how a box with a 4 pixel rgb(45, 32, 236) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 32, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 32, 236);  
box-shadow:4px 4px 4px 4px rgb(45, 32,  
236) }
```


Background

The CSS property to change the background color of an element to YUV 59.1430, 87.1905, -12.4034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 32, 236) }
```

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

```
.background{ background-color: rgb(45, 32,  
236) }
```

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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