

Converting Colors

YUV(58.0350, 43.8597,
-21.0787)

Have a look what the booklet for
YUV(58.0350, 43.8597, -21.0787)
contains.

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Color

**YUV(58.0350, 43.8597,
-21.0787)**

Conversions

Conversions Part 1

Format	Color
Hex	223593
RGB	34, 53, 147
RGB Percent	13%, 21%, 58%
CMY	0.8667, 0.7922, 0.4235
CMYK	0.77, 0.64, 0.00, 0.42
HSL	230°, 62%, 35%
HSV	230°, 77%, 58%
XYZ	7.1993, 4.9929, 28.1880
YIQ	58.0350, -41.4980, 25.2060

Conversions

Conversions Part 2

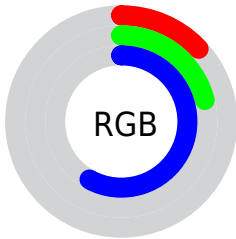
Format	Color
R_{YB}	34, 50, 147
Decimal	2241939
CIE _{Lab}	26.71, 27.44, -53.82
CIE _{LCh}	27, 60.412, 297.013
Yxy	4.9929, 0.1783, 0.1236
Android (android.graphics.Color)	4280432019 (0xFF223593)
YUV	58.0350, 43.8597, -21.0787
Hunter-Lab	22.3447, 18.4076, -59.1534

Details

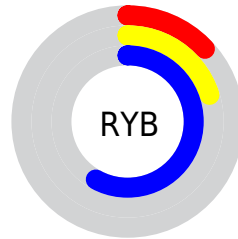
The YUV color **58.0350, 43.8597, -21.0787** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **122.9650, -43.8597, 21.0787**, and the grayscale version is **58.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **110.1440, 45.2850, -11.5273**, and **18.4610, 37.7337, -16.1903** is the 20% darker color. If you saturate the color by 10%, you get **46.5060, 49.5435, -24.1228**, and if you desaturate by 10%, it is **69.5640, 38.1759, -18.0346**.

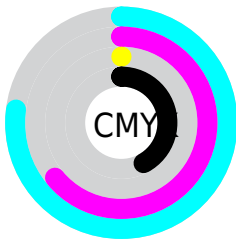
Distribution



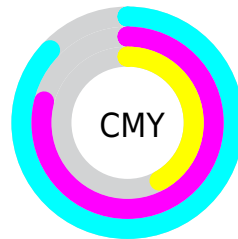
- Red (13%)
- Green (21%)
- Blue (58%)



- Red (13%)
- Yellow (20%)
- Blue (58%)



- Cyan (77%)
- Magenta (64%)
- Yellow (0%)
- Black (42%)



- Cyan (87%)
- Magenta (79%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 58.0350, 43.8597, -21.0787 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 58.0350, 43.8597, -21.0787 by changing the saturation by 10% instead.

■ 58.0350, 43.8597,
-21.0787

■ 58.0350, 43.8597,
-21.0787

■ 255.0000, 0.0000,
0.0000

■ 32.5780, 43.5920,
-28.5709

■ 110.1440, 45.2850,
-11.5273

■ 18.4610, 37.7337,
-16.1903

■ 136.3830, 46.1532,
-9.9829

■ 8.0940, 31.0127,
-7.0984

■ 163.1660, 45.2742,
-8.0386

■ 7.7060, 19.3719,
-6.7582

■ 187.6860, 33.1858,
-4.1096

■ 3.5510, 11.0674,
-3.1142

■ 212.2060, 21.0974,
-0.1807

■ 0.0000, 0.0000,
0.0000

■ 238.1990, 8.2829,

3.3335

■ 58.0350, 43.8597,
-21.0787

■ 58.0350, 43.8597,
-21.0787

■ 46.5060, 49.5435,
-24.1228

■ 69.5640, 38.1759,
-18.0346

■ 35.2760, 55.0799,
-26.5521

■ 80.7940, 32.6396,
-15.6053

■ 31.4330, 56.9745,
-27.5667

■ 92.9100, 26.6664,
-13.0761

■ 104.4390, 20.9826,
-10.0320

■ 115.9680, 15.2988,
-6.9879

■ 127.1980, 9.7624,
-4.5586

■ 139.3140, 3.7892,
-2.0294

■ 150.8430, -1.8946,
1.0147

■ 162.0730, -7.4310,
3.4440

Harmonies

Analogous

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



59.5750, 48.0305, -52.2473



58.0350, 43.8597, -21.0787



55.5770, 28.8025, 48.6060

Triad

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



58.0350, 43.8597, -21.0787



56.4030, -27.8067, 52.2666



54.0450, 1.4568, -47.3975

Complementary

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



58.0350, 43.8597, -21.0787



122.9650, -43.8597, 21.0787

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.



46.0140, -21.6989, -40.3543



58.0350, 43.8597, -21.0787



59.7380, -29.4508, 19.5238

Square

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



58.0350, 43.8597, -21.0787



43.8130, -9.2748, 81.7250



53.0280, -26.1428, -14.9336



59.4030, 21.9863, -52.0964

Rectangle

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



58.0350, 43.8597, -21.0787



49.1580, 17.6701, 72.6524



53.0280, -26.1428, -14.9336



51.6340, -5.2426, -45.2830

Sweetspot

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



58.0350, 43.8597, -21.0787



156.7120, 16.9040, -8.5174



110.8190, 7.4842, -67.3703



75.4260, 10.6360, -4.7586



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



58.0350, 43.8597, -21.0787



52.6740, 68.1947, -33.0401



57.6460, 44.0515, 10.8345



68.3850, 2.7682, -1.2146



29.2330, 53.6221, -25.6373



2.3140, 3.7892, -2.0294

Inverse Universe

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



69.9530, -8.3578, 67.5702



71.0440, -12.8397, 105.2014



123.3540, -44.0515, -10.8345



69.2070, -0.5951, 4.2035



43.8840, -10.2958, 82.5397



3.2180, -0.6005, 5.9478

Previews

White Background



This preview shows how the YUV color 58.0350, 43.8597, -21.0787 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 58.0350, 43.8597, -21.0787 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

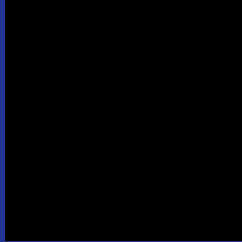
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 58.0350, 43.8597, -21.0787

Background



This preview shows how black text looks on a background with the YUV color 58.0350, 43.8597, -21.0787.



This preview shows how white text looks on a background with the YUV color 58.0350, 43.8597, -21.0787.

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

58.0350, 43.8597, -21.0787

Deuteranopia

50.6950, 29.2374, -44.4595

Tritanopia

49.6400, 12.5025, -43.5343

Trichromacy



Original Color

58.0350, 43.8597, -21.0787

Deuteranomaly

53.4170, 34.3044, -36.3227

Tritanomaly

52.6700, 23.8267, -35.6676

Monochromacy



Original Color

58.0350, 43.8597, -21.0787

Achromatopsia

58.0000, 0.0000, 0.0000

Achromatomaly

57.7830, 15.8830, -7.7027

CSS Examples

Text

The CSS property to change the color of the text to YUV 58.0350, 43.8597, -21.0787 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(34, 53, 147)` looks like.

```
.text, #text, p{  
    color:rgb(34, 53, 147)  
}
```

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(34, 53, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 53, 147) }
```

Border

The CSS property to change the border of an element to YUV 58.0350, 43.8597, -21.0787 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(34, 53, 147) }
```

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

```
.border{ border-color:rgb(34, 53, 147) }
```

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

Here you see how a box with a 4 pixel rgb(34, 53, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 53, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 53, 147);  
box-shadow:4px 4px 4px 4px rgb(34, 53,  
147) }
```


Background

The CSS property to change the background color of an element to YUV 58.0350, 43.8597, -21.0787 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 53, 147) }
```

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

```
.background{ background-color: rgb(34, 53,  
147) }
```

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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