

Converting Colors

YUV(59.9940, 35.9920,
-17.5347)

Have a look what the booklet for
YUV(59.9940, 35.9920, -17.5347)
contains.

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Color

**YUV(59.9940, 35.9920,
-17.5347)**

Conversions

Conversions Part 1

Format	Color
Hex	283885
RGB	40, 56, 133
RGB Percent	16%, 22%, 52%
CMY	0.8431, 0.7804, 0.4784
CMYK	0.70, 0.58, 0.00, 0.48
HSL	230°, 54%, 34%
HSV	230°, 70%, 52%
XYZ	6.5229, 4.9729, 22.8064
YIQ	59.9940, -34.2530, 20.5550

Conversions

Conversions Part 2

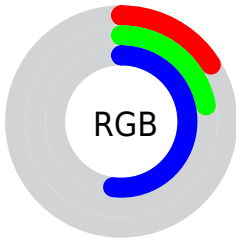
Format	Color
R_{YB}	40, 54, 133
Decimal	2635909
CIE _{Lab}	26.66, 20.84, -45.23
CIE _{LCh}	27, 49.799, 294.740
Yxy	4.9729, 0.1902, 0.1450
Android (android.graphics.Color)	4280825989 (0xFF283885)
YUV	59.9940, 35.9920, -17.5347
Hunter-Lab	22.3000, 13.1872, -45.0262




Details

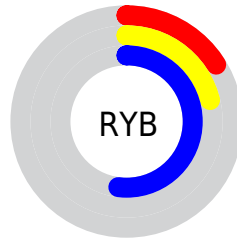
The YUV color **59.9940, 35.9920, -17.5347** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **113.0060, -35.9920, 17.5347**, and the grayscale version is **60.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **110.7820, 37.5755, -12.0868**, and **18.1530, 31.4766, -15.9202** is the 20% darker color. If you saturate the color by 10%, you get **49.6500, 41.0915, -19.8640**, and if you desaturate by 10%, it is **70.3380, 30.8924, -15.2054**.

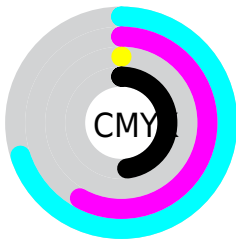
Distribution







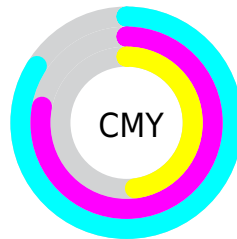
-  Red (16%)
-  Green (22%)
-  Blue (52%)






-  Red (16%)
-  Yellow (21%)
-  Blue (52%)



-  Cyan (70%)
-  Magenta (58%)
-  Yellow (0%)
-  Black (48%)



-  Cyan (84%)
-  Magenta (78%)
-  Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YUV color 59.9940, 35.9920, -17.5347 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 59.9940, 35.9920, -17.5347 by changing the saturation by 10% instead.

■ 59.9940, 35.9920,
-17.5347

■ 59.9940, 35.9920,
-17.5347

■ 255.0000, 0.0000,
0.0000

■ 32.7430, 36.6087,
-28.7156

■ 110.7820, 37.5755,
-12.0868

■ 18.1530, 31.4766,
-15.9202

■ 137.0210, 38.4436,
-10.5424

■ 7.3130, 25.4817,
-6.4135

■ 163.9610, 39.4592,
-9.6128

■ 5.2780, 15.1459,
-4.6288

■ 188.8490, 32.6124,
-6.8836

■ 1.3680, 5.2416,
-1.1997

■ 213.6570, 20.3821,
-4.0842

■ 0.0000, 0.0000,
0.0000

■ 239.0630, 7.8569,

-0.0553

■ 59.9940, 35.9920,
-17.5347

■ 59.9940, 35.9920,
-17.5347

■ 49.6500, 41.0915,
-19.8640

■ 70.3380, 30.8924,
-15.2054

■ 39.0070, 46.3385,
-22.8081

■ 80.9810, 25.6454,
-12.2613

■ 28.6630, 51.4381,
-25.1375

■ 91.3250, 20.5458,
-9.9320

■ 101.6690, 15.4462,
-7.6027

■ 112.3120, 10.1992,
-4.6586

■ 122.6560, 5.0996,
-2.3293

■ 133.0000, 0.0000,
0.0000

■ 143.3440, -5.0996,
2.3293

■ 153.9870,
-10.3466, 5.2734

Harmonies

Analogous

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



57.0500, 40.8944, -50.0328



59.9940, 35.9920, -17.5347



62.4690, 22.4468, 33.7917

Triad

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



59.9940, 35.9920, -17.5347



57.2560, -28.2272, 47.1335



52.6430, 1.1620, -46.1679

Complementary

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



59.9940, 35.9920, -17.5347



113.0060, -35.9920, 17.5347

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.



46.0940, -16.3153, -40.4244



59.9940, 35.9920, -17.5347



59.7490, -29.4563, 21.2681

Square

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



59.9940, 35.9920, -17.5347



51.5290, -8.6418, 65.3111



55.4420, -27.3329, -6.5266



57.0890, 18.1971, -50.0671

Rectangle

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



59.9940, 35.9920, -17.5347



54.8480, 14.3719, 57.1383



55.4420, -27.3329, -6.5266



50.5740, -4.2270, -44.3534

Sweetspot

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



59.9940, 35.9920, -17.5347



144.6260, 13.9884, -6.6880



103.2550, 6.2833, -55.4746



69.8560, 8.4520, -4.2587



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



59.9940, 35.9920, -17.5347



59.2050, 56.1009, -27.3668



59.2730, 36.3474, 8.5306



61.2710, 2.3314, -1.1147



27.7340, 50.4171, -24.3227



0.3420, 1.3104, -0.2999

Inverse Universe

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



69.6310, -6.7201, 55.5746



74.2050, -10.4541, 86.6432



113.7270, -36.3474, -8.5306



61.9080, -0.4476, 3.5887



41.3780, -9.5534, 77.7215



0.8970, -0.4422, 1.8443

Previews

White Background



This preview shows how the YUV color 59.9940, 35.9920, -17.5347 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 59.9940, 35.9920, -17.5347 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

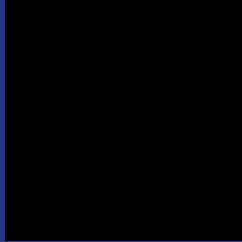
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 59.9940, 35.9920, -17.5347

Background



This preview shows how black text looks on a background with the YUV color 59.9940, 35.9920, -17.5347.



This preview shows how white text looks on a background with the YUV color 59.9940, 35.9920,

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

59.9940, 35.9920, -17.5347

Protanopia

50.5130, 38.6941, -44.2999

Tritanopia

49.6400, 12.5025, -43.5343

Trichromacy



Original Color

59.9940, 35.9920, -17.5347

Protanomaly

53.9380, 37.4986, -34.1486

Tritanomaly

53.5840, 20.9111, -33.8382

Monochromacy



Original Color

59.9940, 35.9920, -17.5347

Achromatopsia

60.0000, 0.0000, 0.0000

Achromatomaly

60.3980, 13.1148, -6.4880

CSS Examples

Text

The CSS property to change the color of the text to YUV 59.9940, 35.9920, -17.5347 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(40, 56, 133)` looks like.

```
.text, #text, p{  
    color:rgb(40, 56, 133)  
}
```

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(40, 56, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 56, 133) }
```

Border

The CSS property to change the border of an element to YUV 59.9940, 35.9920, -17.5347 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(40, 56, 133) }
```

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

```
.border{ border-color:rgb(40, 56, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 56, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 56, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 56, 133);  
box-shadow:4px 4px 4px 4px rgb(40, 56,  
133) }
```


Background

The CSS property to change the background color of an element to YUV 59.9940, 35.9920, -17.5347 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 56, 133) }
```

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

```
.background{ background-color: rgb(40, 56,  
133) }
```

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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