

Converting Colors

YUV(60.5130, 45.5961,
-17.9899)

Have a look what the booklet for
YUV(60.5130, 45.5961, -17.9899)
contains.

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Color

**YUV(60.5130, 45.5961,
-17.9899)**

Conversions

Conversions Part 1

Format	Color
Hex	283599
RGB	40, 53, 153
RGB Percent	16%, 21%, 60%
CMY	0.8431, 0.7922, 0.4000
CMYK	0.74, 0.65, 0.00, 0.40
HSL	233°, 59%, 38%
HSV	233°, 74%, 60%
XYZ	7.8979, 5.2972, 30.7432
YIQ	60.5130, -39.8480, 28.3440

Conversions

Conversions Part 2

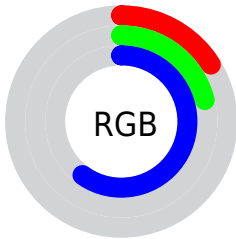
Format	Color
R_{YB}	40, 52, 153
Decimal	2635161
CIE _{Lab}	27.57, 30.41, -56.10
CIE _{LCh}	28, 63.806, 298.459
Yxy	5.2972, 0.1798, 0.1206
Android (android.graphics.Color)	4280825241 (0xFF283599)
YUV	60.5130, 45.5961, -17.9899
Hunter-Lab	23.0157, 20.9756, -63.0855

Details

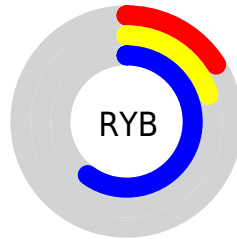
The YUV color **60.5130, 45.5961, -17.9899** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **132.4870, -45.5961, 17.9899**, and the grayscale version is **60.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **112.9100, 46.8794, -9.5681**, and **19.1450, 40.3545, -16.7902** is the 20% darker color. If you saturate the color by 10%, you get **47.8100, 51.8587, -20.0044**, and if you desaturate by 10%, it is **73.2160, 39.3335, -15.9754**.

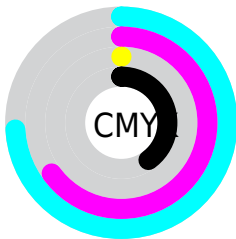
Distribution



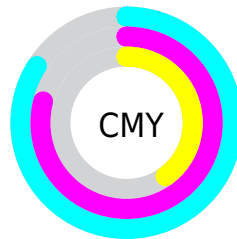
- Red (16%)
- Green (21%)
- Blue (60%)



- Red (16%)
- Yellow (20%)
- Blue (60%)



- Cyan (74%)
- Magenta (65%)
- Yellow (0%)
- Black (40%)



- Cyan (84%)
- Magenta (79%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 60.5130, 45.5961, -17.9899 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 60.5130, 45.5961, -17.9899 by changing the saturation by 10% instead.

■ 60.5130, 45.5961,
-17.9899

■ 60.5130, 45.5961,
-17.9899

■ 255.0000, 0.0000,
0.0000

■ 33.1480, 45.7760,
-29.0708

■ 112.9100, 46.8794,
-9.5681

■ 19.1450, 40.3545,
-16.7902

■ 139.5620, 48.0369,
-7.5089

■ 8.6640, 33.1966,
-7.5983

■ 165.5470, 44.1003,
-4.8647

■ 8.2760, 21.5559,
-7.2581

■ 189.4800, 32.3014,
-0.4210

■ 4.5940, 12.5252,
-4.0289

■ 214.5870, 19.9236,
2.9932

■ 0.0000, 0.0000,
0.0000

■ 239.9930, 7.3985,

7.0221

■ 60.5130, 45.5961,
-17.9899

■ 60.5130, 45.5961,
-17.9899

■ 47.8100, 51.8587,
-20.0044

■ 73.2160, 39.3335,
-15.9754

■ 35.3950, 57.9793,
-23.1484

■ 85.6310, 33.2129,
-12.8314

■ 28.0080, 61.6211,
-24.5630

■ 98.3340, 26.9503,
-10.8169

■ 110.4500, 20.9772,
-8.2876

■ 123.1530, 14.7146,
-6.2732

■ 135.5680, 8.5940,
-3.1291

■ 148.2710, 2.3314,
-1.1147

■ 160.3870, -3.6418,
1.4146

■ 173.3890,
-10.0518, 4.0438

Harmonies

Analogous

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



61.6610, 50.9461, -54.0767



60.5130, 45.5961, -17.9899



52.1420, 31.9750, 57.7575

Triad

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



60.5130, 45.5961, -17.9899



57.8870, -28.5383, 53.5961



55.6750, 2.6252, -48.8270

Complementary

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



60.5130, 45.5961, -17.9899



132.4870, -45.5961, 17.9899

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.



47.7750, -22.5671, -41.8987



60.5130, 45.5961, -17.9899



61.7980, -30.4664, 18.5942

Square

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



60.5130, 45.5961, -17.9899



44.9660, -11.3222, 85.0988



53.5930, -26.4213, -18.9371



61.9620, 24.1757, -54.3407

Rectangle

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



60.5130, 45.5961, -17.9899



51.3650, 17.0751, 76.8559



53.5930, -26.4213, -18.9371



53.7370, -4.8003, -47.1273

Sweetspot

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



60.5130, 45.5961, -17.9899



162.9510, 17.7722, -6.9730



117.7310, 10.9786, -68.1701



78.6110, 10.0518, -4.0438



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



60.5130, 45.5961, -17.9899



53.9180, 71.5254, -27.9921



65.7390, 43.0197, 15.1379



70.4990, 3.2050, -1.3146



25.3520, 56.5215, -22.2337



2.0690, 5.3890, -1.8145

Inverse Universe

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



75.2690, -10.9786, 68.1701



77.2030, -17.3551, 106.8160



127.2610, -43.0197, -15.1379



71.5060, -0.7425, 4.8182



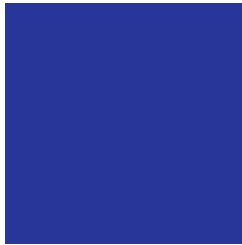
43.6840, -13.6482, 84.4691



4.0010, -1.4795, 7.8921

Previews

White Background



This preview shows how the YUV color 60.5130, 45.5961, -17.9899 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 60.5130, 45.5961, -17.9899 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

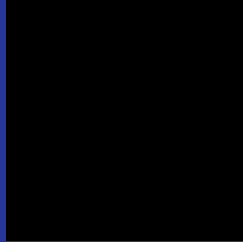
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 60.5130, 45.5961, -17.9899

Background



This preview shows how black text looks on a background with the YUV color 60.5130, 45.5961, -17.9899.



This preview shows how white text looks on a background with the YUV color 60.5130, 45.5961,

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

60.5130, 45.5961, -17.9899

Protanopia

52.1430, 39.8625, -45.7294

Deuteranopia

52.3250, 30.4058, -45.8890



Tritanopia

51.0420, 12.7973, -44.7638

Trichromacy



Original Color

60.5130, 45.5961, -17.9899

Protanomaly

55.0780, 41.8665, -35.1484

Deuteranomaly

55.4710, 35.7568, -35.4931

Tritanomaly

54.6100, 24.8423, -34.7380

Monochromacy



Original Color

60.5130, 45.5961, -17.9899

Achromatopsia

61.0000, 0.0000, 0.0000

Achromatomaly

60.6090, 16.4618, -6.6731

CSS Examples

Text

The CSS property to change the color of the text to YUV 60.5130, 45.5961, -17.9899 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, 53, 153)` looks like.

```
.text, #text, p{  
    color:rgb(40, 53, 153)  
}
```

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, 53, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 53, 153) }
```

Border

The CSS property to change the border of an element to YUV 60.5130, 45.5961, -17.9899 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, 53, 153) }
```


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

```
.border{ border-color:rgb(40, 53, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 53, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 53, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 53, 153);  
box-shadow:4px 4px 4px 4px rgb(40, 53,  
153) }
```

Background

The CSS property to change the background color of an element to YUV 60.5130, 45.5961, -17.9899 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 53, 153) }
```

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

```
.background{ background-color: rgb(40, 53,  
153) }
```

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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