

Converting Colors

YUV(50.1250, 33.9554,
-17.6496)

Have a look what the booklet for
YUV(50.1250, 33.9554, -17.6496)
contains.

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Color

**YUV(50.1250, 33.9554,
-17.6496)**

Conversions

Conversions Part 1

Format	Color
Hex	1E2F77
RGB	30, 47, 119
RGB Percent	12%, 18%, 47%
CMY	0.8824, 0.8157, 0.5333
CMYK	0.75, 0.61, 0.00, 0.53
HSL	229°, 60%, 29%
HSV	229°, 75%, 47%
XYZ	4.8817, 3.6410, 17.8982
YIQ	50.1250, -33.2440, 18.7880

Conversions

Conversions Part 2

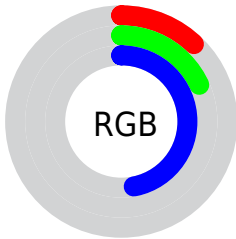
Format	Color
R_YB	30, 44, 119
Decimal	1978231
CIE _{Lab}	22.45, 20.14, -43.27
CIE _{LCh}	22, 47.727, 294.957
Yxy	3.6410, 0.1848, 0.1378
Android (android.graphics.Color)	4280168311 (0xFF1E2F77)
YUV	50.1250, 33.9554, -17.6496
Hunter-Lab	19.0813, 12.2747, -42.2571

Details

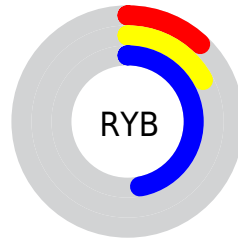
The YUV color **50.1250, 33.9554, -17.6496** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **98.8750, -33.9554, 17.6496**, and the grayscale version is **50.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **100.5110, 35.2441, -10.9721**, and **8.5670, 30.2865, -7.5133** is the 20% darker color. If you saturate the color by 10%, you get **40.6670, 38.6182, -19.8790**, and if you desaturate by 10%, it is **59.5830, 29.2926, -15.4203**.

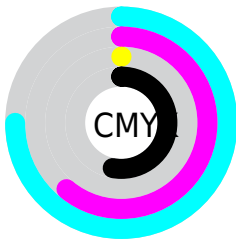
Distribution



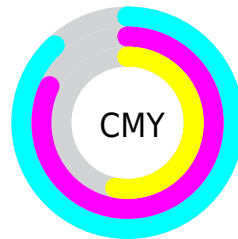
- Red (12%)
- Green (18%)
- Blue (47%)



- Red (12%)
- Yellow (17%)
- Blue (47%)



- Cyan (75%)
- Magenta (61%)
- Yellow (0%)
- Black (53%)



- Cyan (88%)
- Magenta (82%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 50.1250, 33.9554, -17.6496 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 50.1250, 33.9554, -17.6496 by changing the saturation by 10% instead.

■ 50.1250, 33.9554,
-17.6496

■ 50.1250, 33.9554,
-17.6496

■ 255.0000, 0.0000,
0.0000

■ 26.5650, 33.2455,
-23.2975

■ 100.5110, 35.2441,
-10.9721

■ 8.5670, 30.2865,
-7.5133

■ 125.8640, 36.5490,
-9.5277

■ 7.5920, 18.9351,
-6.6582

■ 152.3910, 37.2752,
-9.1129

■ 3.4370, 10.6306,
-3.0142

■ 179.1030, 37.4172,
-7.9833

■ 0.0000, 0.0000,
0.0000

■ 203.6230, 25.3289,
-4.0544

■ 228.4310, 13.0985,

-1.2550

253.8260, 0.5788,
1.0296

■ 50.1250, 33.9554,
-17.6496

■ 50.1250, 33.9554,
-17.6496

■ 40.6670, 38.6182,
-19.8790

■ 59.5830, 29.2926,
-15.4203

■ 31.7960, 42.9916,
-22.6231

■ 68.4540, 24.9192,
-12.6762

■ 27.0670, 45.3230,
-23.7378

■ 77.9120, 20.2564,
-10.4468

■ 87.3700, 15.5936,
-8.2175

■ 96.2410, 11.2202,
-5.4734

■ 105.4000, 6.7048,
-3.8588

■ 114.2710, 2.3314,
-1.1147

■ 123.7290, -2.3314,
1.1147

■ 133.1870, -6.9942,
3.3440

Harmonies

Analogous

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



49.4700, 37.2363, -43.3852



50.1250, 33.9554, -17.6496



52.1160, 21.1418, 32.3473

Triad

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



50.1250, 33.9554, -17.6496



48.6730, -23.9958, 43.2598



45.1600, 0.4141, -39.6053

Complementary

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



50.1250, 33.9554, -17.6496



98.8750, -33.9554, 17.6496

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.



38.8390, -16.1896, -34.0618



50.1250, 33.9554, -17.6496



50.8780, -25.0829, 18.5240

Square

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



50.1250, 33.9554, -17.6496



39.3870, -6.5998, 63.6816



46.8810, -23.1123, -6.9116



49.3780, 16.5756, -43.3045

Rectangle

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



50.1250, 33.9554, -17.6496



41.7770, 15.3929, 56.3236



46.8810, -23.1123, -6.9116



43.2050, -4.5381, -37.8908

Sweetspot

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



50.1250, 33.9554, -17.6496



129.0990, 13.2622, -7.1028



90.3370, 5.2569, -52.9155



62.7420, 8.0152, -4.1587



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



50.1250, 33.9554, -17.6496



47.2220, 53.6276, -27.3817



48.2190, 34.8950, 7.7009



54.2710, 2.3314, -1.1147



27.4090, 46.6334, -24.0377



56.6760, 95.3087, -49.7049

Inverse Universe

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



58.5490, -5.6937, 53.0155



60.8240, -9.2802, 83.4694



100.7810, -34.8950, -7.7009



54.9080, -0.4476, 3.5887



39.1000, -7.9373, 72.7033



80.2220, -15.8854, 148.8953

Previews

White Background



This preview shows how the YUV color 50.1250, 33.9554, -17.6496 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 50.1250, 33.9554, -17.6496 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

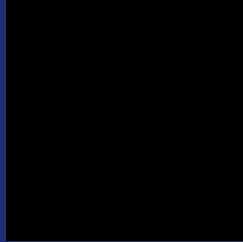
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 50.1250, 33.9554, -17.6496

Background



This preview shows how black text looks on a background with the YUV color 50.1250, 33.9554, -17.6496.



This preview shows how white text looks on a background with the YUV color 50.1250, 33.9554,

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

50.1250, 33.9554, -17.6496

Protanopia

43.0640, 32.9994, -37.7671

Deuteranopia

43.0010, 25.1425, -37.7119



Tritanopia

42.5160, 10.5916, -37.2865

Trichromacy



Original Color

50.1250, 33.9554, -17.6496

Protanomaly

45.5210, 33.2671, -30.2749

Deuteranomaly

45.5550, 28.3204, -30.3047

Tritanomaly

45.1500, 19.1531, -29.9495

Monochromacy



Original Color

50.1250, 33.9554, -17.6496

Achromatopsia

50.0000, 0.0000, 0.0000

Achromatomaly

50.1700, 12.2412, -6.2881

CSS Examples

Text

The CSS property to change the color of the text to YUV 50.1250, 33.9554, -17.6496 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(30, 47, 119)` looks like.

```
.text, #text, p{  
    color:rgb(30, 47, 119)  
}
```

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(30, 47, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 47, 119) }
```

Border

The CSS property to change the border of an element to YUV 50.1250, 33.9554, -17.6496 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(30, 47, 119) }
```


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

```
.border{ border-color:rgb(30, 47, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(30, 47, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 47, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 47, 119);  
box-shadow:4px 4px 4px 4px rgb(30, 47,  
119) }
```

Background

The CSS property to change the background color of an element to YUV 50.1250, 33.9554, -17.6496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 47, 119) }
```

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

```
.background{ background-color: rgb(30, 47,  
119) }
```

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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