

Converting Colors

YUV(45.4130, 33.8134,
-18.7792)

Have a look what the booklet for
YUV(45.4130, 33.8134, -18.7792)
contains.

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Color

**YUV(45.4130, 33.8134,
-18.7792)**

Conversions

Conversions Part 1

Format	Color
Hex	182B72
RGB	24, 43, 114
RGB Percent	9%, 17%, 45%
CMY	0.9059, 0.8314, 0.5529
CMYK	0.79, 0.62, 0.00, 0.55
HSL	227°, 65%, 27%
HSV	227°, 79%, 45%
XYZ	4.2778, 3.1368, 16.2996
YIQ	45.4130, -34.1150, 18.0530

Conversions

Conversions Part 2

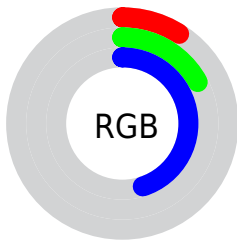
Format	Color
R_{YB}	24, 40, 114
Decimal	1583986
CIE _{Lab}	20.58, 20.17, -43.12
CIE _{LCh}	21, 47.601, 295.064
Yxy	3.1368, 0.1804, 0.1323
Android (android.graphics.Color)	4279774066 (0xFF182B72)
YUV	45.4130, 33.8134, -18.7792
Hunter-Lab	17.7112, 12.1191, -42.1669

Details

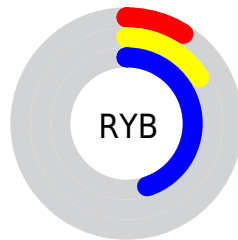
The YUV color **45.4130, 33.8134, -18.7792** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **92.5870, -33.8134, 18.7792**, and the grayscale version is **45.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **95.5110, 35.2441, -10.9721**, and **7.4100, 28.3919, -6.4986** is the 20% darker color. If you saturate the color by 10%, you get **36.8410, 38.0394, -20.9086**, and if you desaturate by 10%, it is **53.9850, 29.5874, -16.6498**.

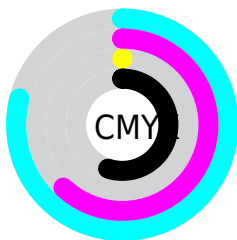
Distribution



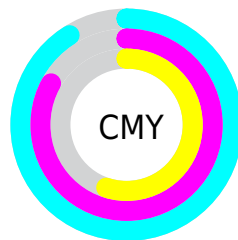
- Red (9%)
- Green (17%)
- Blue (45%)



- Red (9%)
- Yellow (16%)
- Blue (45%)



- Cyan (79%)
- Magenta (62%)
- Yellow (0%)
- Black (55%)



- Cyan (91%)
- Magenta (83%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 45.4130, 33.8134, -18.7792 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 45.4130, 33.8134, -18.7792 by changing the saturation by 10% instead.

■ 45.4130, 33.8134,
-18.7792

■ 45.4130, 33.8134,
-18.7792

■ 255.0000, 0.0000,
0.0000

■ 23.6470, 32.2190,
-20.7384

■ 95.5110, 35.2441,
-10.9721

■ 7.4100, 28.3919,
-6.4986

■ 120.7500, 36.1123,
-9.4277

■ 6.5490, 17.4773,
-5.7435

■ 147.2770, 36.8384,
-9.0129

■ 2.8670, 8.4466,
-2.5144

■ 174.2170, 37.8540,
-8.0833

■ 0.0000, 0.0000,
0.0000

■ 199.1930, 27.5129,
-4.5543

■ 224.0010, 15.2825,

-1.7549

249.9940, 2.4680,
1.7593

45.4130, 33.8134,
-18.7792

45.4130, 33.8134,
-18.7792

36.8410, 38.0394,
-20.9086

53.9850, 29.5874,
-16.6498

27.9700, 42.4128,
-23.6527

62.8560, 25.2140,
-13.9057

27.0840, 42.8496,
-23.7527

71.4280, 20.9880,
-11.7764

80.2990, 16.6146,
-9.0322

88.8710, 12.3886,
-6.9029

■ 97.4430, 8.1626,
-4.7735

■ 106.3140, 3.7892,
-2.0294

■ 114.8860, -0.4368,
0.1000

■ 123.7570, -4.8102,
2.8441

Harmonies

Analogous

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



46.5520, 36.2099, -40.8261



45.4130, 33.8134, -18.7792



47.1160, 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.



45.4130, 33.8134, -18.7792



44.5310, -21.9538, 41.6303



41.8830, 0.5507, -36.7314

Complementary

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



45.4130, 33.8134, -18.7792



92.5870, -33.8134, 18.7792

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.



35.9210, -17.2161, -31.5027



45.4130, 33.8134, -18.7792



47.0350, -23.1883, 17.5093

Square

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



45.4130, 33.8134, -18.7792



34.6150, -5.7262, 63.4816



43.0380, -21.2177, -7.9263



46.5740, 15.9860, -40.8454

Rectangle

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



45.4130, 33.8134, -18.7792



38.0650, 15.2510, 55.1940



43.0380, -21.2177, -7.9263



40.4010, -5.1277, -35.4317

Sweetspot

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



45.4130, 33.8134, -18.7792



120.8000, 13.4096, -7.7176



84.8100, 4.5307, -53.3304



57.7420, 8.0152, -4.1587



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



45.4130, 33.8134, -18.7792



40.6840, 52.9068, -29.5409



41.7350, 35.6266, 6.3714



51.8580, 2.0420, -1.6295



28.3550, 45.1810, -24.8673



58.6820, 92.8408, -51.4641

Inverse Universe

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



53.0760, -4.9675, 53.4303



52.5790, -7.6804, 83.6842



96.2650, -35.6266, -6.3714



52.0220, -0.0108, 3.4887



38.7300, -6.7689, 71.2738



79.7810, -13.6960, 146.6511

Previews

White Background



This preview shows how the YUV color 45.4130, 33.8134, -18.7792 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 45.4130, 33.8134, -18.7792 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

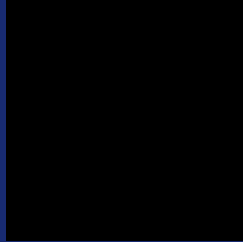
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 45.4130, 33.8134, -18.7792

Background



This preview shows how black text looks on a background with the YUV color 45.4130, 33.8134, -18.7792.



This preview shows how white text looks on a background with the YUV color 45.4130, 33.8134,

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

45.4130, 33.8134, -18.7792

Protanopia

39.8040, 30.6626, -34.9081

Deuteranopia

39.8550, 23.2425, -34.9528



Tritanopia

39.0110, 9.8546, -34.2126

Trichromacy



Original Color

45.4130, 33.8134, -18.7792

Protanomaly

41.7770, 31.6619, -28.7454

Deuteranomaly

41.9250, 27.1520, -28.8752

Tritanomaly

41.6340, 18.4214, -28.6200

Monochromacy



Original Color

45.4130, 33.8134, -18.7792

Achromatopsia

45.0000, 0.0000, 0.0000

Achromatomaly

44.8710, 12.3886, -6.9029

CSS Examples

Text

The CSS property to change the color of the text to YUV 45.4130, 33.8134, -18.7792 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(24, 43, 114)` looks like.

```
.text, #text, p{  
    color:rgb(24, 43, 114)  
}
```

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(24, 43, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 43, 114) }
```

Border

The CSS property to change the border of an element to YUV 45.4130, 33.8134, -18.7792 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(24, 43, 114) }
```


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

```
.border{ border-color:rgb(24, 43, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(24, 43, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 43, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 43, 114);  
box-shadow:4px 4px 4px 4px rgb(24, 43,  
114) }
```

Background

The CSS property to change the background color of an element to YUV 45.4130, 33.8134, -18.7792 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 43, 114) }
```

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

```
.background{ background-color: rgb(24, 43,  
114) }
```

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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