

Converting Colors

YUV(48.0480, 17.2313,
-20.2131)

Have a look what the booklet for
YUV(48.0480, 17.2313, -20.2131)
contains.

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Color

**YUV(48.0480, 17.2313,
-20.2131)**

Conversions

Conversions Part 1

Format	Color
Hex	193553
RGB	25, 53, 83
RGB Percent	10%, 21%, 33%
CMY	0.9020, 0.7922, 0.6745
CMYK	0.70, 0.36, 0.00, 0.67
HSL	211°, 54%, 21%
HSV	211°, 70%, 33%
XYZ	3.2353, 3.3774, 8.6650
YIQ	48.0480, -26.3180, 3.3940

Conversions

Conversions Part 2

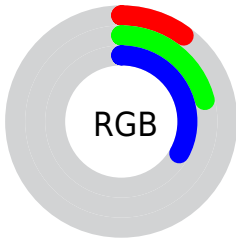
Format	Color
R_YB	25, 44, 83
Decimal	1652051
CIE Lab	21.50, 0.42, -21.38
CIE LCh	21, 21.382, 271.131
Yxy	3.3774, 0.2118, 0.2211
Android (android.graphics.Color)	4279842131 (0xFF193553)
YUV	48.0480, 17.2313, -20.2131
Hunter-Lab	18.3777, -0.7367, -15.0905




Details

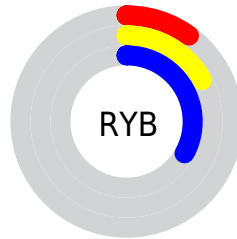
The YUV color **48.0480, 17.2313, -20.2131** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **59.9520, -17.2313, 20.2131**, and the grayscale version is **48.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **95.7000, 18.3889, -18.1539**, and **8.4410, 14.5726, -7.4028** is the 20% darker color. If you saturate the color by 10%, you get **43.3080, 19.5682, -23.0721**, and if you desaturate by 10%, it is **52.7880, 14.8945, -17.3541**.

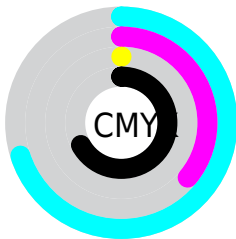
Distribution







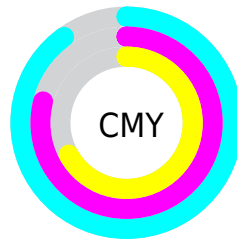
-  Red (10%)
-  Green (21%)
-  Blue (33%)






-  Red (10%)
-  Yellow (17%)
-  Blue (33%)



-  Cyan (70%)
-  Magenta (36%)
-  Yellow (0%)
-  Black (67%)



-  Cyan (90%)
-  Magenta (79%)
-  Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 48.0480, 17.2313, -20.2131 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 48.0480, 17.2313, -20.2131 by changing the saturation by 10% instead.

■ 48.0480, 17.2313,
-20.2131

■ 48.0480, 17.2313,
-20.2131

■ 255.0000, 0.0000,
0.0000

■ 25.6240, 16.9474,
-22.4722

■ 95.7000, 18.3889,
-18.1539

■ 8.4410, 14.5726,
-7.4028

■ 121.1130, 18.6783,
-17.6391

■ 2.2970, 6.2626,
-2.0145

■ 147.2270, 19.1151,
-17.7391

■ 0.0000, 0.0000,
0.0000

■ 174.0420, 19.6993,
-18.4538

■ 201.4550, 19.9887,
-17.9390

■ 227.7450, 13.4367,

-16.4394

■ 249.6180, 2.6533,
-11.0660

■ 48.0480, 17.2313,
-20.2131

■ 48.0480, 17.2313,
-20.2131

■ 43.3080, 19.5682,
-23.0721

■ 52.7880, 14.8945,
-17.3541

■ 37.6820, 22.3418,
-26.0311

■ 58.4140, 12.1209,
-14.3951

■ 32.9420, 24.6786,
-28.8901

■ 63.1540, 9.7841,
-11.5361

■ 67.8940, 7.4473,
-8.6770

■ 72.6340, 5.1104,
-5.8180

■ 78.2600, 2.3368,
-2.8590

■ 83.0000, 0.0000,
0.0000

■ 87.7400, -2.3368,
2.8590

■ 93.3660, -5.1104,
5.8180

Harmonies

Analogous

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



42.4650, 18.0118, -37.2418



48.0480, 17.2313, -20.2131



52.4420, 13.0931, 0.4894

Triad

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



48.0480, 17.2313, -20.2131



51.5040, -7.6435, 24.9910



45.3260, -4.5977, -18.7029

Complementary

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



48.0480, 17.2313, -20.2131



59.9520, -17.2313, 20.2131

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.



48.1770, -11.9193, -3.6632



48.0480, 17.2313, -20.2131



50.9780, -13.3002, 19.3133

Square

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



48.0480, 17.2313, -20.2131



52.1540, -0.0759, 24.4209



50.0430, -15.3042, 8.7323



41.1480, 5.3500, -36.0868

Rectangle

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



48.0480, 17.2313, -20.2131



53.4820, 9.1294, 11.8553



50.0430, -15.3042, 8.7323



46.8490, -7.8136, -13.8996

Sweetspot

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



48.0480, 17.2313, -20.2131



93.3780, 6.7156, -7.3475



62.4660, -3.6807, -32.8577



45.7050, 4.0894, -5.0033



181.0000, 0.0000, 0.0000



54.0000, 0.0000, 0.0000

Same Dimension

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



48.0480, 17.2313, -20.2131



53.0880, 26.5786, -31.6492



31.9110, 25.1869, -5.1839



38.6300, 1.1684, -1.4295



41.3200, 31.3942, -36.2376



92.1920, 68.9253, -80.8524

Inverse Universe

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



45.5340, 3.6807, 32.8577



48.9260, 5.9525, 50.9309



76.0890, -25.1869, 5.1839



38.4240, 0.2840, 2.2592



37.0950, 6.3622, 59.5527



82.1360, 14.7230, 131.4307

Previews

White Background



This preview shows how the YUV color 48.0480, 17.2313, -20.2131 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 48.0480, 17.2313, -20.2131 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

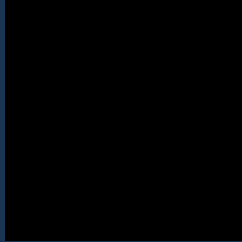
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 48.0480, 17.2313, -20.2131

Background



This preview shows how black text looks on a background with the YUV color 48.0480, 17.2313, -20.2131.



This preview shows how white text looks on a background with the YUV color 48.0480, 17.2313, -20.2131.

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

48.0480, 17.2313, -20.2131

Protanopia

51.1310, 14.7254, -9.7619

Deuteranopia

49.8530, 16.3415, -14.7801



Tritanopia

42.0220, 9.8492, -32.4683

Trichromacy



Original Color

48.0480, 17.2313, -20.2131

Protanomaly

50.3370, 15.6099, -13.4505

Deuteranomaly

48.9560, 16.7837, -16.6244

Tritanomaly

44.4400, 12.6011, -28.4499

Monochromacy



Original Color

48.0480, 17.2313, -20.2131

Achromatopsia

48.0000, 0.0000, 0.0000

Achromatomaly

48.2640, 6.2788, -7.2475

CSS Examples

Text

The CSS property to change the color of the text to YUV 48.0480, 17.2313, -20.2131 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(25, 53, 83)` looks like.

```
.text, #text, p{  
    color:rgb(25, 53, 83)  
}
```

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(25, 53, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 53, 83) }
```

Border

The CSS property to change the border of an element to YUV 48.0480, 17.2313, -20.2131 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(25, 53, 83) }
```


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

```
.border{ border-color:rgb(25, 53, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(25, 53, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 53, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 53, 83);  
box-shadow:4px 4px 4px 4px rgb(25, 53, 83)  
}
```

Background

The CSS property to change the background color of an element to YUV 48.0480, 17.2313, -20.2131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 53, 83) }
```

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

```
.background{ background-color: rgb(25, 53,  
83) }
```

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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