

Converting Colors

YUV(50.0700, 17.2205,
-16.7244)

Have a look what the booklet for
YUV(50.0700, 17.2205, -16.7244)
contains.

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Color

**YUV(50.0700, 17.2205,
-16.7244)**

Conversions

Conversions Part 1

Format	Color
Hex	1F3555
RGB	31, 53, 85
RGB Percent	12%, 21%, 33%
CMY	0.8784, 0.7922, 0.6667
CMYK	0.64, 0.38, 0.00, 0.67
HSL	216°, 47%, 23%
HSV	216°, 64%, 33%
XYZ	3.4779, 3.4934, 9.0853
YIQ	50.0700, -23.3840, 5.2880

Conversions

Conversions Part 2

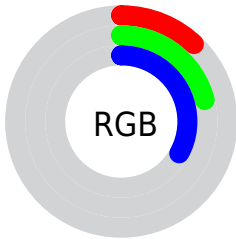
Format	Color
R_{YB}	31, 47, 85
Decimal	2045269
CIE Lab	21.92, 2.54, -22.02
CIE LCh	22, 22.162, 276.593
Yxy	3.4934, 0.2166, 0.2176
Android (android.graphics.Color)	4280235349 (0xFF1F3555)
YUV	50.0700, 17.2205, -16.7244
Hunter-Lab	18.6906, 0.5060, -15.7368

Details

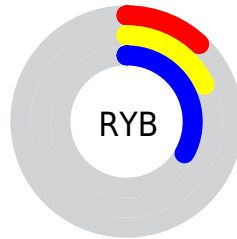
The YUV color **50.0700, 17.2205, -16.7244** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **65.9300, -17.2205, 16.7244**, and the grayscale version is **50.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **97.4230, 18.5255, -15.2800**, and **8.6690, 15.4462, -7.6027** is the 20% darker color. If you saturate the color by 10%, you get **44.4440, 19.9941, -19.6834**, and if you desaturate by 10%, it is **55.3970, 14.5943, -14.3802**.

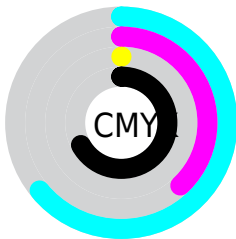
Distribution



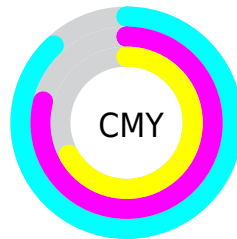
- Red (12%)
- Green (21%)
- Blue (33%)



- Red (12%)
- Yellow (18%)
- Blue (33%)



- Cyan (64%)
- Magenta (38%)
- Yellow (0%)
- Black (67%)



- Cyan (88%)
- Magenta (79%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 50.0700, 17.2205, -16.7244 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 50.0700, 17.2205, -16.7244 by changing the saturation by 10% instead.

■ 50.0700, 17.2205,
-16.7244

■ 50.0700, 17.2205,
-16.7244

■ 255.0000, 0.0000,
0.0000

■ 26.7490, 17.3787,
-20.8279

■ 97.4230, 18.5255,
-15.2800

■ 8.6690, 15.4462,
-7.6027

■ 122.8360, 18.8149,
-14.7652

■ 2.6390, 7.5730,
-2.3144

■ 148.9500, 19.2517,
-14.8651

■ 0.0000, 0.0000,
0.0000

■ 175.7650, 19.8359,
-15.5799

■ 203.2920, 20.5620,
-15.1651

■ 229.2400, 12.6997,

-13.3655

251.4120, 1.7689,
-7.3773

50.0700, 17.2205,
-16.7244

50.0700, 17.2205,
-16.7244

44.4440, 19.9941,
-19.6834

55.3970, 14.5943,
-14.3802

39.1170, 22.6203,
-22.0276

61.0230, 11.8207,
-11.4212

33.4910, 25.3939,
-24.9866

66.6490, 9.0470,
-8.4622

30.2350, 26.9991,
-26.5161

71.9760, 6.4208,
-6.1180

77.6020, 3.6472,
-3.1590

■ 82.9290, 1.0210,
-0.8147

■ 88.2560, -1.6052,
1.5295

■ 93.8820, -4.3788,
4.4885

■ 99.2090, -7.0050,
6.8327

Harmonies

Analogous

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



43.3940, 19.0328, -38.0565



50.0700, 17.2205, -16.7244



54.2360, 12.2087, 4.1780

Triad

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



50.0700, 17.2205, -16.7244



52.4610, -9.1013, 25.9057



45.0480, -2.9817, -23.7211

Complementary

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



50.0700, 17.2205, -16.7244



65.9300, -17.2205, 16.7244

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.



48.5680, -11.6190, -6.6371



50.0700, 17.2205, -16.7244



51.9240, -14.7525, 18.4837

Square

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



50.0700, 17.2205, -16.7244



53.2960, -2.1179, 26.0504



50.9180, -15.7356, 7.0879



42.1910, 6.8078, -37.0015

Rectangle

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



50.0700, 17.2205, -16.7244



54.5640, 8.1029, 14.4144



50.9180, -15.7356, 7.0879



46.5820, -6.2029, -17.1734

Sweetspot

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



50.0700, 17.2205, -16.7244



96.0900, 6.8576, -6.2179



66.2320, -2.0864, -30.8985



47.4170, 4.2314, -3.8737



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000

Same Dimension

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



50.0700, 17.2205, -16.7244



55.5340, 26.8517, -25.9013



38.6510, 22.8501, -2.3249



40.6300, 1.1684, -1.4295



38.0260, 34.0042, -33.3488



83.1420, 74.8660, -72.9155

Inverse Universe

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



49.6540, 1.6496, 30.9984



54.9920, 2.4689, 48.2420



77.3490, -22.8501, 2.3249



40.4240, 0.2840, 2.2592



37.0090, 3.4466, 61.3821



81.2090, 7.2920, 134.8747

Previews

White Background



This preview shows how the YUV color 50.0700, 17.2205, -16.7244 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 50.0700, 17.2205, -16.7244 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 50.0700, 17.2205, -16.7244

Background



This preview shows how black text looks on a background with the YUV color 50.0700, 17.2205, -16.7244.



This preview shows how white text looks on a background with the YUV color 50.0700, 17.2205,

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

50.0700, 17.2205, -16.7244

Protanopia

51.4730, 16.0358, -10.0618

Deuteranopia

50.6680, 16.9257, -15.4948



Tritanopia

46.7950, 7.4961, -24.3762

Trichromacy



Original Color

50.0700, 17.2205, -16.7244

Protanomaly

51.1630, 16.1886, -12.4210

Deuteranomaly

50.3690, 17.0731, -16.1096

Tritanomaly

47.7290, 10.9796, -21.6873

Monochromacy



Original Color

50.0700, 17.2205, -16.7244

Achromatopsia

50.0000, 0.0000, 0.0000

Achromatomaly

49.9760, 6.4208, -6.1180

CSS Examples

Text

The CSS property to change the color of the text to YUV 50.0700, 17.2205, -16.7244 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(31, 53, 85)` looks like.

```
.text, #text, p{  
    color:rgb(31, 53, 85)  
}
```

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(31, 53, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 53, 85) }
```

Border

The CSS property to change the border of an element to YUV 50.0700, 17.2205, -16.7244 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(31, 53, 85) }
```


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

```
.border{ border-color:rgb(31, 53, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(31, 53, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 53, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 53, 85);  
box-shadow:4px 4px 4px 4px rgb(31, 53, 85)  
}
```

Background

The CSS property to change the background color of an element to YUV 50.0700, 17.2205, -16.7244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 53, 85) }
```

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

```
.background{ background-color: rgb(31, 53,  
85) }
```

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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