

Converting Colors

YUV(47.2340, 15.1676,
-11.6062)

Have a look what the booklet for
YUV(47.2340, 15.1676, -11.6062)
contains.

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Color

**YUV(47.2340, 15.1676,
-11.6062)**

Conversions

Conversions Part 1

Format	Color
Hex	22304E
RGB	34, 48, 78
RGB Percent	13%, 19%, 31%
CMY	0.8667, 0.8118, 0.6941
CMYK	0.56, 0.38, 0.00, 0.69
HSL	221°, 39%, 22%
HSV	221°, 56%, 31%
XYZ	3.0918, 3.0040, 7.6246
YIQ	47.2340, -17.9740, 6.3620

Conversions

Conversions Part 2

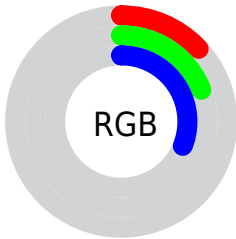
Format	Color
RYB	34, 45, 78
Decimal	2240590
CIELab	20.06, 4.18, -20.26
CIELCh	20, 20.690, 281.652
Yxy	3.0040, 0.2253, 0.2189
Android (android.graphics.Color)	4280430670 (0xFF22304E)
YUV	47.2340, 15.1676, -11.6062
Hunter-Lab	17.3322, 1.5103, -13.9498

Details

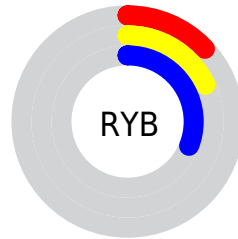
The YUV color **47.2340, 15.1676, -11.6062** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **64.7660, -15.1676, 11.6062**, and the grayscale version is **47.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **94.1740, 16.1832, -10.6766**, and **3.8760, 14.8511, -3.3993** is the 20% darker color. If you saturate the color by 10%, you get **41.9070, 17.7938, -13.9504**, and if you desaturate by 10%, it is **52.5610, 12.5414, -9.2620**.

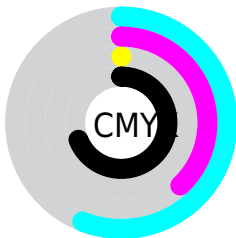
Distribution



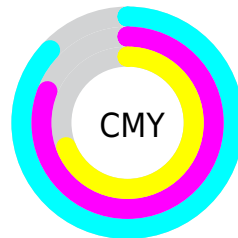
- Red (13%)
- Green (19%)
- Blue (31%)



- Red (13%)
- Yellow (18%)
- Blue (31%)



- Cyan (56%)
- Magenta (38%)
- Yellow (0%)
- Black (69%)



- Cyan (87%)
- Magenta (81%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 47.2340, 15.1676, -11.6062 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 47.2340, 15.1676, -11.6062 by changing the saturation by 10% instead.

■ 47.2340, 15.1676,
-11.6062

■ 47.2340, 15.1676,
-11.6062

■ 255.0000, 0.0000,
0.0000

■ 24.8100, 14.8837,
-13.8654

■ 94.1740, 16.1832,
-10.6766

■ 3.8760, 14.8511,
-3.3993

■ 118.7010, 16.9094,
-10.2618

■ 0.9120, 3.4944,
-0.7998

■ 144.8150, 17.3462,
-10.3618

■ 0.0000, 0.0000,
0.0000

■ 171.0430, 18.2198,
-10.5617

■ 198.7440, 18.3672,
-11.1765

■ 225.7180, 14.4360,

-10.2767

250.8250, 2.0583,
-6.8625

47.2340, 15.1676,
-11.6062

47.2340, 15.1676,
-11.6062

41.9070, 17.7938,
-13.9504

52.5610, 12.5414,
-9.2620

35.9930, 20.7095,
-15.7799

58.4750, 9.6258,
-7.4326

30.9650, 23.1883,
-17.5093

63.5030, 7.1470,
-5.7031

25.6380, 25.8145,
-19.8535

68.8300, 4.5208,
-3.3589

23.5670, 26.8355,
-20.6683

74.7440, 1.6052,
-1.5295

■ 80.0710, -1.0210,
0.8147

■ 85.3980, -3.6472,
3.1590

■ 91.0130, -6.4154,
4.3736

■ 96.3400, -9.0416,
6.7178

Harmonies

Analogous

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



39.8890, 18.2957, -34.9827



47.2340, 15.1676, -11.6062



49.7910, 10.4560, 6.3223

Triad

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



47.2340, 15.1676, -11.6062



48.3250, -9.5272, 22.5170



40.7920, -1.3765, -25.2506

Complementary

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



47.2340, 15.1676, -11.6062



64.7660, -15.1676, 11.6062

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.



44.4260, -9.5770, -8.2666



47.2340, 15.1676, -11.6062



47.4290, -14.0155, 15.4098

Square

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



47.2340, 15.1676, -11.6062



49.0570, -2.9861, 24.5060



46.3630, -13.9830, 4.9436



39.0280, 7.3812, -34.2276

Rectangle

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



47.2340, 15.1676, -11.6062



50.4070, 6.2083, 15.4291



46.3630, -13.9830, 4.9436



42.4400, -4.1609, -18.8029

Sweetspot

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



47.2340, 15.1676, -11.6062



89.8730, 5.9786, -4.2736



63.1340, -0.0661, -25.5505



43.9010, 3.4998, -2.5442



179.0000, 0.0000, 0.0000



51.0000, 0.0000, 0.0000

Same Dimension

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



47.2340, 15.1676, -11.6062



53.7800, 23.7725, -18.2241



41.1090, 18.1873, -0.0956



35.6300, 1.1684, -1.4295



30.4120, 35.2929, -26.6713



69.0710, 79.3380, -60.5753

Inverse Universe

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



48.7520, -0.3707, 25.6505



56.1390, -0.5615, 40.2201



70.8910, -18.1873, 0.0956



35.4240, 0.2840, 2.2592



34.1460, -1.0580, 59.5080



77.0920, -2.0174, 134.1003

Previews

White Background



This preview shows how the YUV color 47.2340, 15.1676, -11.6062 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 47.2340, 15.1676, -11.6062 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

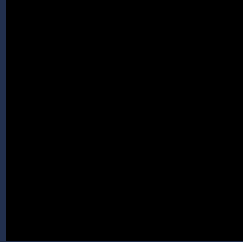
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 47.2340, 15.1676, -11.6062

Background



This preview shows how black text looks on a background with the YUV color 47.2340, 15.1676, -11.6062.

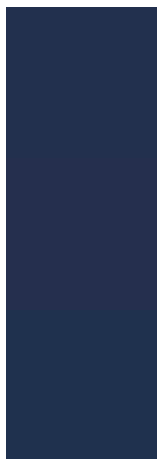


This preview shows how white text looks on a background with the YUV color 47.2340, 15.1676, -11.6062.

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

47.2340, 15.1676, -11.6062

Protanopia

47.5440, 15.0148, -9.2471

Deuteranopia

46.9240, 15.3205, -13.9653



Tritanopia

44.7960, 6.0166, -16.4841

Trichromacy



Original Color

47.2340, 15.1676, -11.6062

Protanomaly

47.2450, 15.1622, -9.8619

Deuteranomaly

47.2230, 15.1731, -13.3506

Tritanomaly

46.0180, 9.3581, -14.9248

Monochromacy



Original Color

47.2340, 15.1676, -11.6062

Achromatopsia

47.0000, 0.0000, 0.0000

Achromatomaly

46.7590, 5.5418, -4.1736

CSS Examples

Text

The CSS property to change the color of the text to YUV 47.2340, 15.1676, -11.6062 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(34, 48, 78)` looks like.

```
.text, #text, p{  
    color:rgb(34, 48, 78)  
}
```

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(34, 48, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 48, 78) }
```

Border

The CSS property to change the border of an element to YUV 47.2340, 15.1676, -11.6062 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(34, 48, 78) }
```


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

```
.border{ border-color:rgb(34, 48, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(34, 48, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 48, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 48, 78);  
box-shadow:4px 4px 4px 4px rgb(34, 48, 78)  
}
```

Background

The CSS property to change the background color of an element to YUV 47.2340, 15.1676, -11.6062 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 48, 78) }
```

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

```
.background{ background-color: rgb(34, 48,  
78) }
```

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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