

Converting Colors

YUV(47.2470, 5.3012, -20.3876)

Have a look what the booklet for
YUV(47.2470, 5.3012, -20.3876)
contains.

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Color

**YUV(47.2470, 5.3012,
-20.3876)**

Conversions

Conversions Part 1

Format	Color
Hex	18393A
RGB	24, 57, 58
RGB Percent	9%, 22%, 23%
CMY	0.9059, 0.7765, 0.7725
CMYK	0.59, 0.02, 0.00, 0.77
HSL	182°, 41%, 16%
HSV	182°, 59%, 23%
XYZ	2.6035, 3.4259, 4.5270
YIQ	47.2470, -19.9890, -6.6850

Conversions

Conversions Part 2

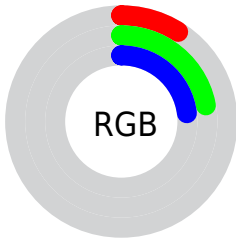
Format	Color
R_{YB}	24, 41, 58
Decimal	1587514
CIE _{Lab}	21.67, -11.67, -4.33
CIE _{LCh}	22, 12.446, 200.358
Yxy	3.4259, 0.2466, 0.3245
Android (android.graphics.Color)	4279777594 (0xFF18393A)
YUV	47.2470, 5.3012, -20.3876
Hunter-Lab	18.5093, -7.2832, -1.5448

Details

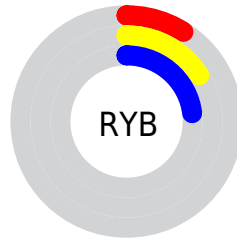
The YUV color **47.2470, 5.3012, -20.3876** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **34.7530, -5.3012, 20.3876**, and the grayscale version is **47.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **94.2470, 5.3012, -20.3876**, and **8.7540, 3.0793, -7.6773** is the 20% darker color. If you saturate the color by 10%, you get **45.4530, 6.1857, -24.0763**, and if you desaturate by 10%, it is **49.0410, 4.4168, -16.6990**.

Distribution



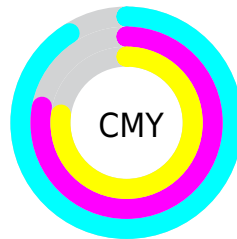
- Red (9%)
- Green (22%)
- Blue (23%)



- Red (9%)
- Yellow (16%)
- Blue (23%)



- Cyan (59%)
- Magenta (2%)
- Yellow (0%)
- Black (77%)



- Cyan (91%)
- Magenta (78%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YUV color 47.2470, 5.3012, -20.3876 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 47.2470, 5.3012, -20.3876 by changing the saturation by 10% instead.

■ 47.2470, 5.3012,
-20.3876

■ 47.2470, 5.3012,
-20.3876

■ 255.0000, 0.0000,
0.0000

■ 24.9480, 5.4486,
-21.0024

■ 94.2470, 5.3012,
-20.3876

■ 8.7540, 3.0793,
-7.6773

■ 118.9480, 5.4486,
-21.0024

■ 0.0000, 0.0000,
0.0000

■ 144.9480, 5.4486,
-21.0024

■ 171.6490, 5.5960,
-21.6172

■ 199.3500, 5.7435,
-22.2319

■ 227.3500, 5.7435,

-22.2319

247.5250, 3.6852,
-15.3694

47.2470, 5.3012,
-20.3876

47.2470, 5.3012,
-20.3876

45.4530, 6.1857,
-24.0763

49.0410, 4.4168,
-16.6990

43.6590, 7.0701,
-27.7649

50.8350, 3.5323,
-13.0103

41.5770, 8.0965,
-30.3240

52.9170, 2.5059,
-10.4512

39.7830, 8.9810,
-34.0127

54.7110, 1.6215,
-6.7625

39.4840, 9.1284,
-34.6275

56.5050, 0.7370,
-3.0739

■ 58.2990, -0.1474,
0.6148

■ 60.0930, -1.0318,
4.3034

■ 61.5880, -1.7689,
7.3773

■ 63.9690, -2.9427,
10.5512

Harmonies

Analogous

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



48.3140, 0.3382, -15.1844



47.2470, 5.3012, -20.3876



47.8710, 8.9376, -20.0579

Triad

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



47.2470, 5.3012, -20.3876



53.1240, 5.3619, 6.9073



51.4650, -8.6102, 8.3622

Complementary

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



47.2470, 5.3012, -20.3876



34.7530, -5.3012, 20.3876

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.



52.2530, -7.0267, 13.8101



47.2470, 5.3012, -20.3876



53.0170, 0.9776, 13.1401

Square

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



47.2470, 5.3012, -20.3876



52.4540, 8.1572, -3.0292



52.8880, -3.3958, 15.8842



50.6490, -7.7150, 1.1848

Rectangle

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



47.2470, 5.3012, -20.3876



49.7190, 9.5055, -15.5396



52.8880, -3.3958, 15.8842



51.8890, -8.3263, 10.6213

Sweetspot

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



47.2470, 5.3012, -20.3876



72.2270, 2.3531, -8.0921



44.0720, -9.4025, -17.6031



35.6080, 1.1793, -4.9182



166.0000, 0.0000, 0.0000



38.0000, 0.0000, 0.0000

Same Dimension

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



47.2470, 5.3012, -20.3876



59.6800, 8.5388, -32.1684



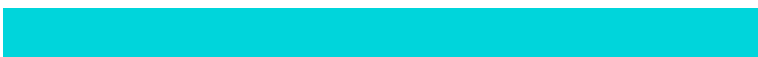
37.2680, 10.2209, -11.6360



27.1030, 0.4422, -1.8443



62.7310, 14.4296, -55.0151



149.9970, 34.0185, -131.5474

Inverse Universe

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



37.9280, 9.4025, 17.6031



45.0740, 14.7535, 27.9991



44.7320, -10.2209, 11.6360



26.2390, 0.8682, 1.5444



37.6540, 25.3136, 47.6614



89.7630, 60.7558, 113.3408

Previews

White Background



This preview shows how the YUV color 47.2470, 5.3012, -20.3876 looks on a white background.

Color Contrast Check

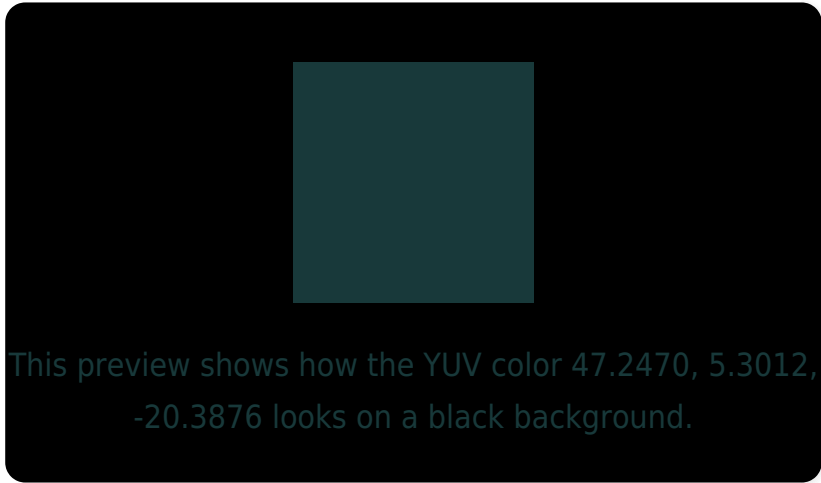
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

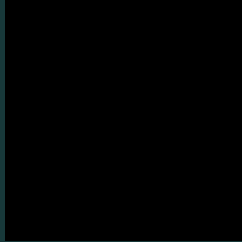
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 47.2470, 5.3012, -20.3876

Background



This preview shows how black text looks on a background with the YUV color 47.2470, 5.3012, -20.3876.



This preview shows how white text looks on a background with the YUV color 47.2470, 5.3012, -20.3876.

-20.3876.

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

47.2470, 5.3012, -20.3876

Protanopia

52.3420, 1.3104, -0.2999

Deuteranopia

52.5100, 3.1996, 0.4297



Tritanopia

47.8880, 6.4642, -20.0728

Trichromacy



Original Color

47.2470, 5.3012, -20.3876

Protanomaly

50.6400, 2.6425, -7.5773

Deuteranomaly

50.3950, 4.2423, -7.3624

Tritanomaly

47.7740, 6.0274, -19.9728

Monochromacy



Original Color

47.2470, 5.3012, -20.3876

Achromatopsia

47.0000, 0.0000, 0.0000

Achromatomaly

47.4120, 1.7689, -7.3773

CSS Examples

Text

The CSS property to change the color of the text to YUV 47.2470, 5.3012, -20.3876 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, 57, 58)` looks like.

```
.text, #text, p{  
    color:rgb(24, 57, 58)  
}
```

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, 57, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 57, 58) }
```

Border

The CSS property to change the border of an element to YUV 47.2470, 5.3012, -20.3876 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, 57, 58) }
```


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

```
.border{ border-color:rgb(24, 57, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(24, 57, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 57, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 57, 58);  
box-shadow:4px 4px 4px 4px rgb(24, 57, 58)  
}
```

Background

The CSS property to change the background color of an element to YUV 47.2470, 5.3012, -20.3876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 57, 58) }
```

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

```
.background{ background-color: rgb(24, 57,  
58) }
```

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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