

Converting Colors

YUV(69.2470, 5.3012, -20.3876)

Have a look what the booklet for
YUV(69.2470, 5.3012, -20.3876)
contains.

YUV(69.2470, 5.3012, -20.3876)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(69.2470, 5.3012,
-20.3876)**

Conversions

Conversions Part 1

Format	Color
Hex	2E4F50
RGB	46, 79, 80
RGB Percent	18%, 31%, 31%
CMY	0.8196, 0.6902, 0.6863
CMYK	0.42, 0.01, 0.00, 0.69
HSL	182°, 27%, 25%
HSV	182°, 42%, 31%
XYZ	5.3707, 6.7520, 8.6096
YIQ	69.2470, -19.9890, -6.6850

Conversions

Conversions Part 2

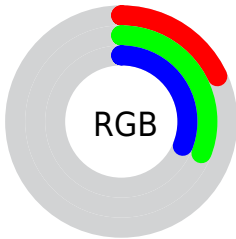
Format	Color
R_{YB}	46, 63, 80
Decimal	3034960
CIE _{Lab}	31.24, -11.73, -4.40
CIE _{LCh}	31, 12.533, 200.564
Yxy	6.7520, 0.2590, 0.3257
Android (android.graphics.Color)	4281225040 (0xFF2E4F50)
YUV	69.2470, 5.3012, -20.3876
Hunter-Lab	25.9846, -8.5795, -1.4557

Details

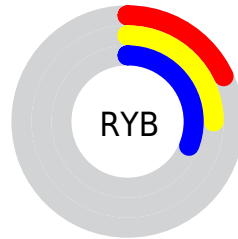
The YUV color **69.2470, 5.3012, -20.3876** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **56.7530, -5.3012, 20.3876**, and the grayscale version is **69.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **117.9480, 5.4486, -21.0024**, and **24.0620, 5.8854, -21.1024** is the 20% darker color. If you saturate the color by 10%, you get **66.8550, 6.4805, -25.3058**, and if you desaturate by 10%, it is **71.6390, 4.1220, -15.4694**.

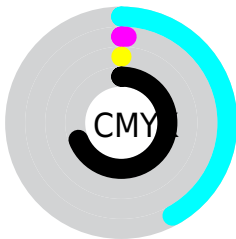
Distribution



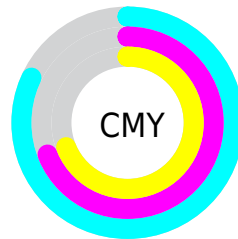
- Red (18%)
- Green (31%)
- Blue (31%)



- Red (18%)
- Yellow (25%)
- Blue (31%)



- Cyan (42%)
- Magenta (1%)
- Yellow (0%)
- Black (69%)



- Cyan (82%)
- Magenta (69%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 69.2470, 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 69.2470, 5.3012, -20.3876 by changing the saturation by 10% instead.

■ 69.2470, 5.3012,
-20.3876

■ 69.2470, 5.3012,
-20.3876

■ 255.0000, 0.0000,
0.0000

■ 46.2470, 5.3012,
-20.3876

■ 117.9480, 5.4486,
-21.0024

■ 24.0620, 5.8854,
-21.1024

■ 143.6490, 5.5960,
-21.6172

■ 6.8790, 3.5107,
-6.0329

■ 170.6490, 5.5960,
-21.6172

■ 0.0000, 0.0000,
0.0000

■ 198.0510, 5.8909,
-22.8467

■ 226.0510, 5.8909,
-22.8467

■ 246.9270, 3.9800,

-16.5990

■ 69.2470, 5.3012,
-20.3876

■ 69.2470, 5.3012,
-20.3876

■ 66.8550, 6.4805,
-25.3058

■ 71.6390, 4.1220,
-15.4694

■ 64.4630, 7.6597,
-30.2241

■ 74.0310, 2.9427,
-10.5512

■ 61.4840, 9.1284,
-34.6275

■ 77.0100, 1.4741,
-6.1478

■ 59.0920, 10.3076,
-39.5457

■ 79.4020, 0.2948,
-1.2296

■ 56.7000, 11.4869,
-44.4639

■ 81.7940, -0.8844,
3.6887

■ 54.9060, 12.3713,
-48.1526

■ 84.1860, -2.0637,
8.6069

■ 87.1650, -3.5323,
13.0103

■ 89.5570, -4.7116,
17.9285

■ 91.9490, -5.8909,
22.8467

Harmonies

Analogous

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



69.9010, 0.0488, -15.6992



69.2470, 5.3012, -20.3876



70.1700, 8.7902, -19.4431

Triad

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



69.2470, 5.3012, -20.3876



75.1240, 5.3619, 6.9073



73.5360, -9.6312, 9.1769

Complementary

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



69.2470, 5.3012, -20.3876



56.7530, -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.



74.4380, -7.6109, 14.5249



69.2470, 5.3012, -20.3876



75.3160, 0.8302, 13.7549

Square

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



69.2470, 5.3012, -20.3876



73.9810, 8.8834, -2.6143



75.0730, -3.9800, 16.5990



72.4210, -8.5886, 1.3848

Rectangle

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



69.2470, 5.3012, -20.3876



71.2460, 10.2317, -15.1247



75.0730, -3.9800, 16.5990



73.9600, -9.3473, 11.4361

Sweetspot

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



69.2470, 5.3012, -20.3876



100.2270, 2.3531, -8.0921



66.0720, -9.4025, -17.6031



50.7220, 1.6161, -5.0182



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.



69.2470, 5.3012, -20.3876



87.6800, 8.5388, -32.1684



59.2680, 10.2209, -11.6360



39.8040, 0.5896, -2.4591



71.2570, 16.6353, -62.4924



158.5230, 36.2242, -139.0247

Inverse Universe

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



59.9280, 9.4025, 17.6031



73.0740, 14.7535, 27.9991



66.7320, -10.2209, 11.6360



38.6520, 1.1576, 2.0592



42.9090, 28.6389, 54.4538



95.0180, 64.0811, 120.1332

Previews

White Background



This preview shows how the YUV color 69.2470, 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



This preview shows how the YUV color 69.2470, 5.3012, -20.3876 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

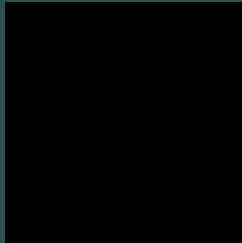
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

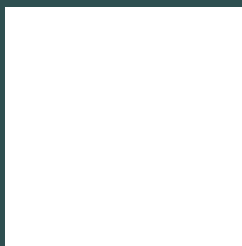
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 69.2470, 5.3012, -20.3876

Background



This preview shows how black text looks on a background with the YUV color 69.2470, 5.3012, -20.3876.



This preview shows how white text looks on a background with the YUV color 69.2470, 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

69.2470, 5.3012, -20.3876

Protanopia

73.6410, 1.1630, 0.3148

Deuteranopia

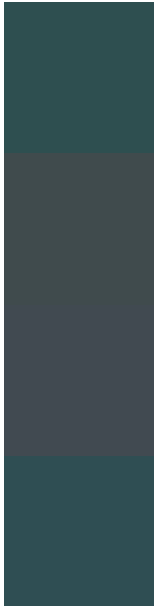
73.7490, 4.0677, 1.9741



Tritanopia

69.5290, 7.6272, -19.7579

Trichromacy



Original Color

69.2470, 5.3012, -20.3876

Protanomaly

71.9390, 2.4951, -6.9625

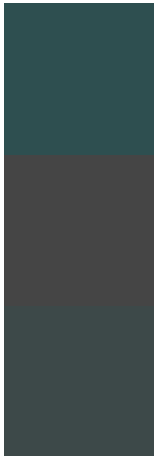
Deuteranomaly

72.1070, 4.3842, -6.2328

Tritanomaly

69.3010, 6.7536, -19.5580

Monochromacy



Original Color

69.2470, 5.3012, -20.3876

Achromatopsia

69.0000, 0.0000, 0.0000

Achromatomaly

69.4120, 1.7689, -7.3773

CSS Examples

Text

The CSS property to change the color of the text to YUV 69.2470, 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(46, 79, 80)` looks like.

```
.text, #text, p{  
    color:rgb(46, 79, 80)  
}
```

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(46, 79, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 79, 80) }
```

Border

The CSS property to change the border of an element to YUV 69.2470, 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(46, 79, 80) }
```


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

```
.border{ border-color:rgb(46, 79, 80) }
```

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

Here you see how a box with a 4 pixel rgb(46, 79, 80) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 79, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 79, 80);  
box-shadow:4px 4px 4px 4px rgb(46, 79, 80)  
}
```

Background

The CSS property to change the background color of an element to YUV 69.2470, 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(46, 79, 80) }
```

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

```
.background{ background-color: rgb(46, 79,  
80) }
```

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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