

Converting Colors

YUV(66.2470, 8.7522, -7.2326)

Have a look what the booklet for
YUV(66.2470, 8.7522, -7.2326)
contains.

YUV(66.2470, 8.7522, -7.2326)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	28
CSS Examples	31

Color

**YUV(66.2470, 8.7522,
-7.2326)**

Conversions

Conversions Part 1

Format	Color
Hex	3A4354
RGB	58, 67, 84
RGB Percent	23%, 26%, 33%
CMY	0.7725, 0.7373, 0.6706
CMYK	0.31, 0.20, 0.00, 0.67
HSL	219°, 18%, 28%
HSV	219°, 31%, 33%
XYZ	5.3523, 5.5539, 9.1774
YIQ	66.2470, -10.8210, 3.3790

Conversions

Conversions Part 2

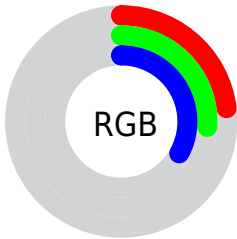
Format	Color
R_{YB}	58, 65, 84
Decimal	3818324
CIE Lab	28.26, 0.88, -11.38
CIE LCh	28, 11.417, 274.424
Yxy	5.5539, 0.2665, 0.2765
Android (android.graphics.Color)	4282008404 (0xFF3A4354)
YUV	66.2470, 8.7522, -7.2326
Hunter-Lab	23.5668, -0.7024, -6.5920

Details

The YUV color **66.2470, 8.7522, -7.2326** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **75.7530, -8.7522, 7.2326**, and the grayscale version is **66.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **114.4750, 9.6258, -7.4326**, and **23.0190, 7.8786, -7.0327** is the 20% darker color. If you saturate the color by 10%, you get **60.9200, 11.3784, -9.5768**, and if you desaturate by 10%, it is **71.5740, 6.1260, -4.8884**.

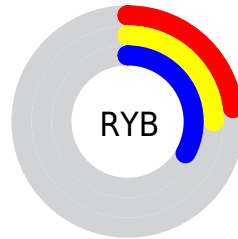
Distribution



Red (23%)

Green (26%)

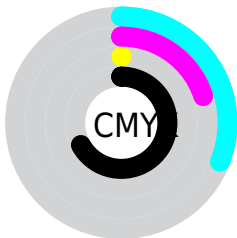
Blue (33%)



Red (23%)

Yellow (25%)

Blue (33%)

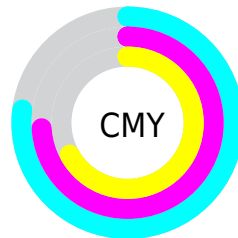


Cyan (31%)

Magenta (20%)

Yellow (0%)

Black (67%)



Cyan (77%)

Magenta (74%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 66.2470, 8.7522, -7.2326 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 66.2470, 8.7522, -7.2326 by changing the saturation by 10% instead.

■ 66.2470, 8.7522,
-7.2326

■ 66.2470, 8.7522,
-7.2326

■ 255.0000, 0.0000,
0.0000

■ 44.1330, 8.3154,
-7.1326

■ 114.4750, 9.6258,
-7.4326

■ 23.0190, 7.8786,
-7.0327

■ 139.5890, 10.0626,
-7.5326

■ 2.6390, 7.5730,
-2.3144

■ 166.2900, 10.2100,
-8.1473

■ 0.0000, 0.0000,
0.0000

■ 193.2900, 10.2100,
-8.1473

■ 221.4040, 10.6468,
-8.2473

■ 247.8790, 3.5107,

-6.0329

■ 66.2470, 8.7522,
-7.2326

■ 66.2470, 8.7522,
-7.2326

■ 60.9200, 11.3784,
-9.5768

■ 71.5740, 6.1260,
-4.8884

■ 54.7070, 14.4414,
-12.0210

■ 77.7870, 3.0630,
-2.4442

■ 49.3800, 17.0677,
-14.3653

■ 83.1140, 0.4368,
-0.1000

■ 43.1670, 20.1307,
-16.8095

■ 89.3270, -2.6262,
2.3442

■ 37.8400, 22.7569,
-19.1537

■ 94.6540, -5.2524,
4.6884

■ 31.9260, 25.6725,
-20.9831

■ 100.5680, -8.1680,
6.5179

■ 26.5990, 28.2987,
-23.3273

■ 106.1940,
-10.9416, 9.4769

■ 112.1080,
-13.8572, 11.3063

■ 117.7340,
-16.6309, 14.2653

Harmonies

Analogous

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



64.4910, 8.6319, -15.3396



66.2470, 8.7522, -7.2326



67.7320, 6.5411, 1.9890

Triad

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



66.2470, 8.7522, -7.2326



67.4210, -5.1376, 14.5398



63.9510, -2.4408, -10.4810

Complementary

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



66.2470, 8.7522, -7.2326



75.7530, -8.7522, 7.2326

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.



64.9690, -6.3937, -2.6038



66.2470, 8.7522, -7.2326



67.3020, -8.0369, 11.1361

Square

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



66.2470, 8.7522, -7.2326



67.8600, -0.9170, 14.1548



65.8560, -8.3100, 5.3883



63.1720, 2.3802, -16.8138

Rectangle

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



66.2470, 8.7522, -7.2326



67.8960, 4.4883, 7.1072



65.8560, -8.3100, 5.3883



64.2180, -4.0515, -7.2072

Sweetspot

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



66.2470, 8.7522, -7.2326



102.9010, 3.4998, -2.5442



75.2000, -0.0986, -15.0844



51.8580, 2.0420, -1.6295



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.



66.2470, 8.7522, -7.2326



81.8920, 13.8572, -11.3063



62.1600, 10.7671, -0.1403



38.0430, 1.4578, -0.9147



33.1020, 35.4457, -29.0305



73.4080, 78.1859, -64.3788

Inverse Universe

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



66.8000, 0.0986, 15.0844



82.8550, 0.0715, 23.8062



79.8400, -10.7671, 0.1403



38.3100, -0.1528, 2.3591



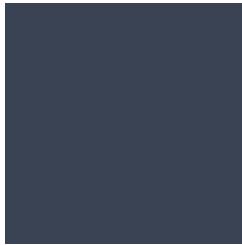
35.4990, 0.2470, 60.9524



78.4880, 0.7454, 134.6300

Previews

White Background



This preview shows how the YUV color 66.2470, 8.7522, -7.2326 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 66.2470, 8.7522, -7.2326 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

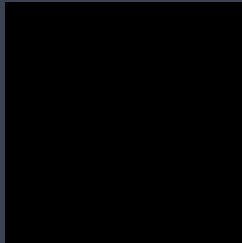
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

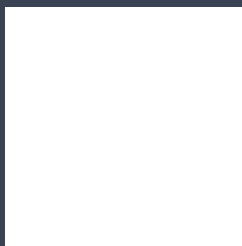
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 66.2470, 8.7522, -7.2326

Background



This preview shows how black text looks on a background with the YUV color 66.2470, 8.7522, -7.2326.



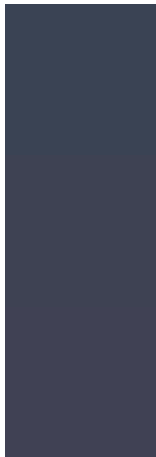
This preview shows how white text looks on a background with the YUV color 66.2470, 8.7522, -7.2326.

-7.2326.

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

66.2470, 8.7522, -7.2326

Protanopia

66.7420, 8.0152, -4.1587

Deuteranopia

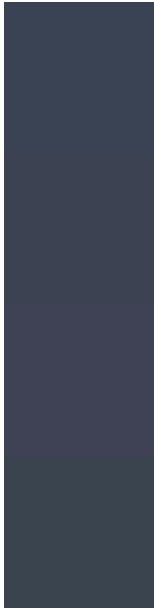
66.8670, 8.4466, -2.5144



Tritanopia

65.6830, 4.1003, -8.4920

Trichromacy



Original Color

66.2470, 8.7522, -7.2326

Protanomaly

66.4430, 8.1626, -4.7735

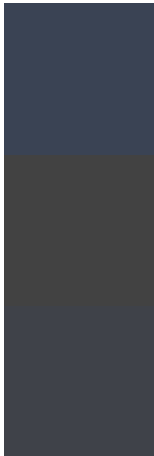
Deuteranomaly

66.8560, 8.4520, -4.2587

Tritanomaly

65.8510, 5.9895, -7.7623

Monochromacy



Original Color

66.2470, 8.7522, -7.2326

Achromatopsia

66.0000, 0.0000, 0.0000

Achromatomaly

65.9010, 3.4998, -2.5442

CSS Examples

Text

The CSS property to change the color of the text to YUV 66.2470, 8.7522, -7.2326 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(58, 67, 84)` looks like.

```
.text, #text, p{  
    color:rgb(58, 67, 84)  
}
```

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(58, 67, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 67, 84) }
```

Border

The CSS property to change the border of an element to YUV 66.2470, 8.7522, -7.2326 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(58, 67, 84) }
```


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

```
.border{ border-color:rgb(58, 67, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 67, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 67, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 67, 84);  
box-shadow:4px 4px 4px 4px rgb(58, 67, 84)  
}
```

Background

The CSS property to change the background color of an element to YUV 66.2470, 8.7522, -7.2326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 67, 84) }
```

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

```
.background{ background-color: rgb(58, 67,  
84) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor