

Converting Colors

YUV(77.3890, 6.7102, -5.6032)

Have a look what the booklet for
YUV(77.3890, 6.7102, -5.6032)
contains.

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Color

**YUV(77.3890, 6.7102,
-5.6032)**

Conversions

Conversions Part 1

Format	Color
Hex	474E5B
RGB	71, 78, 91
RGB Percent	28%, 31%, 36%
CMY	0.7216, 0.6941, 0.6431
CMYK	0.22, 0.14, 0.00, 0.64
HSL	219°, 12%, 32%
HSV	219°, 22%, 36%
XYZ	7.2112, 7.5437, 10.9735
YIQ	77.3890, -8.3450, 2.5590

Conversions

Conversions Part 2

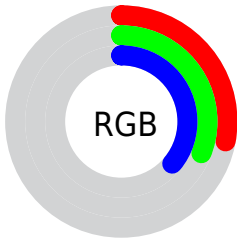
Format	Color
R_{YB}	71, 76, 91
Decimal	4673115
CIE Lab	33.01, 0.40, -8.57
CIE LCh	33, 8.576, 272.698
Yxy	7.5437, 0.2803, 0.2932
Android (android.graphics.Color)	4282863195 (0xFF474E5B)
YUV	77.3890, 6.7102, -5.6032
Hunter-Lab	27.4658, -1.1993, -4.4623

Details

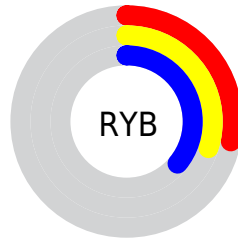
The YUV color **77.3890, 6.7102, -5.6032** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **84.6110, -6.7102, 5.6032**, and the grayscale version is **77.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **126.5030, 7.1470, -5.7031**, and **33.1610, 5.8366, -5.4032** is the 20% darker color. If you saturate the color by 10%, you get **71.1760, 9.7732, -8.0474**, and if you desaturate by 10%, it is **83.6020, 3.6472, -3.1590**.

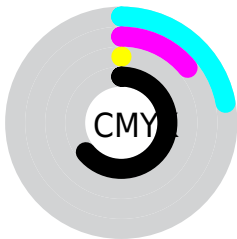
Distribution



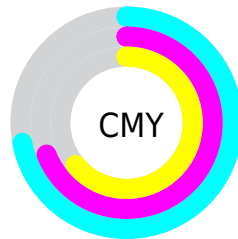
- Red (28%)
- Green (31%)
- Blue (36%)



- Red (28%)
- Yellow (30%)
- Blue (36%)



- Cyan (22%)
- Magenta (14%)
- Yellow (0%)
- Black (64%)



- Cyan (72%)
- Magenta (69%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 77.3890, 6.7102, -5.6032 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 77.3890, 6.7102, -5.6032 by changing the saturation by 10% instead.

■ 77.3890, 6.7102,
-5.6032

■ 77.3890, 6.7102,
-5.6032

■ 255.0000, 0.0000,
0.0000

■ 54.3890, 6.7102,
-5.6032

■ 126.5030, 7.1470,
-5.7031

■ 33.1610, 5.8366,
-5.4032

■ 152.3180, 7.7312,
-6.4179

■ 9.9050, 7.4418,
-6.9327

■ 179.3180, 7.7312,
-6.4179

■ 0.0000, 0.0000,
0.0000

■ 206.4320, 8.1680,
-6.5179

■ 234.7310, 8.0206,
-5.9031

■ 77.3890, 6.7102,
-5.6032

■ 77.3890, 6.7102,
-5.6032

■ 71.1760, 9.7732,
-8.0474

■ 83.6020, 3.6472,
-3.1590

■ 64.9630, 12.8362,
-10.4916

■ 89.8150, 0.5842,
-0.7148

■ 58.7500, 15.8993,
-12.9358

■ 96.0280, -2.4788,
1.7294

■ 52.5370, 18.9623,
-15.3799

■ 102.2410, -5.5418,
4.1736

■ 46.0250, 22.1727,
-18.4389

■ 108.7530, -8.7522,
7.2326

■ 40.3990, 24.9463,
-21.3979

■ 114.3790,
-11.5258, 10.1916

■ 34.1860, 28.0093,
-23.8421

■ 120.5920,
-14.5889, 12.6358

■ 29.1580, 30.4881,

■ 126.8050,

-25.5716

-17.6519, 15.0800

■ 133.0180,
-20.7149, 17.5242

Harmonies

Analogous

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



76.2420, 6.2897, -10.7362



77.3890, 6.7102, -5.6032



78.6780, 5.0887, 1.1594

Triad

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



77.3890, 6.7102, -5.6032



78.4530, -3.6743, 11.8807



75.6740, -2.3043, -7.6071

Complementary

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



77.3890, 6.7102, -5.6032



84.6110, -6.7102, 5.6032

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.



76.3220, -5.0887, -1.1594



77.3890, 6.7102, -5.6032



78.1600, -5.9949, 9.5067

Square

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



77.3890, 6.7102, -5.6032



78.8380, -0.9061, 10.6661



77.0130, -6.4154, 4.3736



75.5640, 1.2009, -11.8956

Rectangle

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



77.3890, 6.7102, -5.6032



78.6570, 3.6201, 5.5628



77.0130, -6.4154, 4.3736



76.3430, -3.6201, -5.5628

Sweetspot

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



77.3890, 6.7102, -5.6032



111.6730, 2.6262, -2.3442



84.2220, -0.1094, -11.5957



55.7440, 1.6052, -1.5295



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



77.3890, 6.7102, -5.6032



96.2900, 10.2100, -8.1473



74.1770, 8.2937, -0.1552



42.7440, 1.6052, -1.5295



34.8460, 37.0509, -30.5599



75.7390, 79.5017, -66.4231

Inverse Universe

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



77.7780, 0.1094, 11.5957



97.1100, -0.0542, 17.4435



87.8230, -8.2937, 0.1552



42.7230, 0.1366, 2.8739



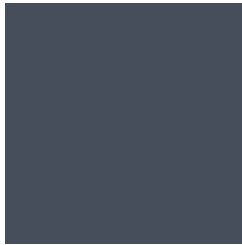
37.2220, 0.3836, 63.8263



80.3250, 1.3188, 137.4040

Previews

White Background



This preview shows how the YUV color 77.3890, 6.7102, -5.6032 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 77.3890, 6.7102, -5.6032 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

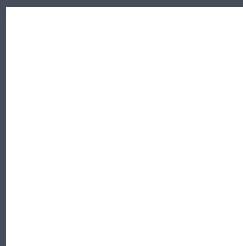
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 77.3890, 6.7102, -5.6032

Background



This preview shows how black text looks on a background with the YUV color 77.3890, 6.7102, -5.6032.



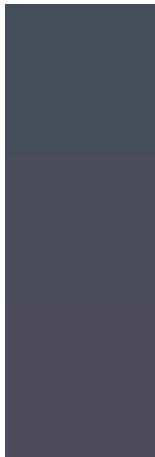
This preview shows how white text looks on a background with the YUV color 77.3890, 6.7102, -5.6032.

-5.6032.

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

77.3890, 6.7102, -5.6032

Protanopia

77.8840, 5.9732, -2.5293

Deuteranopia

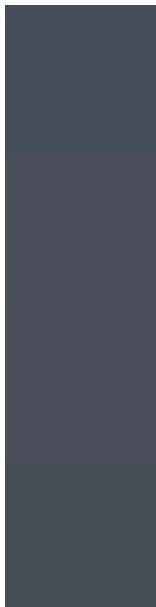
78.3080, 6.2572, -0.2701



Tritanopia

76.9930, 3.9475, -6.1329

Trichromacy



Original Color

77.3890, 6.7102, -5.6032

Protanomaly

77.5850, 6.1206, -3.1440

Deuteranomaly

77.9980, 6.4100, -2.6292

Tritanomaly

77.2210, 4.8210, -6.3328

Monochromacy



Original Color

77.3890, 6.7102, -5.6032

Achromatopsia

77.0000, 0.0000, 0.0000

Achromatomaly

76.9720, 2.4788, -1.7294

CSS Examples

Text

The CSS property to change the color of the text to YUV 77.3890, 6.7102, -5.6032 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(71, 78, 91)` looks like.

```
.text, #text, p{  
    color:rgb(71, 78, 91)  
}
```

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(71, 78, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 78, 91) }
```

Border

The CSS property to change the border of an element to YUV 77.3890, 6.7102, -5.6032 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(71, 78, 91) }
```


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

```
.border{ border-color:rgb(71, 78, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 78, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 78, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 78, 91);  
box-shadow:4px 4px 4px 4px rgb(71, 78, 91)  
}
```

Background

The CSS property to change the background color of an element to YUV 77.3890, 6.7102, -5.6032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 78, 91) }
```

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

```
.background{ background-color: rgb(71, 78,  
91) }
```

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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