

Converting Colors

YUV(101.3890, 6.7102, -5.6032)

Have a look what the booklet for
YUV(101.3890, 6.7102, -5.6032)
contains.

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Color

**YUV(101.3890, 6.7102,
-5.6032)**

Conversions

Conversions Part 1

Format	Color
Hex	5F6673
RGB	95, 102, 115
RGB Percent	37%, 40%, 45%
CMY	0.6275, 0.6000, 0.5490
CMYK	0.17, 0.11, 0.00, 0.55
HSL	219°, 10%, 41%
HSV	219°, 17%, 45%
XYZ	12.5652, 13.1734, 18.1001
YIQ	101.3890, -8.3450, 2.5590

Conversions

Conversions Part 2

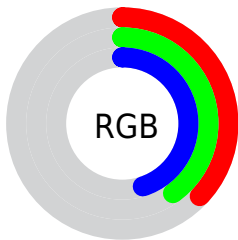
Format	Color
R_{YB}	95, 100, 115
Decimal	6252147
CIE Lab	43.02, 0.30, -8.20
CIE LCh	43, 8.210, 272.089
Yxy	13.1734, 0.2866, 0.3005
Android (android.graphics.Color)	4284442227 (0xFF5F6673)
YUV	101.3890, 6.7102, -5.6032
Hunter-Lab	36.2952, -1.7210, -4.1608

Details

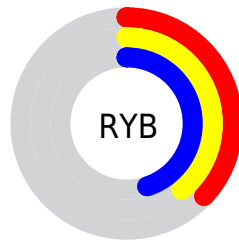
The YUV color **101.3890, 6.7102, -5.6032** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **108.6110, -6.7102, 5.6032**, and the grayscale version is **101.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **152.5030, 7.1470, -5.7031**, and **54.5740, 6.1260, -4.8884** is the 20% darker color. If you saturate the color by 10%, you get **93.9910, 10.3574, -8.7621**, and if you desaturate by 10%, it is **109.0860, 2.9156, -1.8294**.

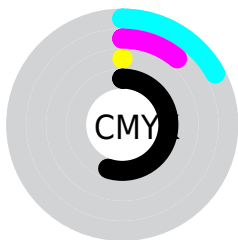
Distribution



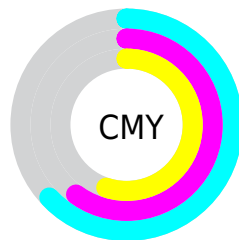
- Red (37%)
- Green (40%)
- Blue (45%)



- Red (37%)
- Yellow (39%)
- Blue (45%)



- Cyan (17%)
- Magenta (11%)
- Yellow (0%)
- Black (55%)



- Cyan (63%)
- Magenta (60%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 101.3890, 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 101.3890, 6.7102, -5.6032 by changing the saturation by 10% instead.

■ 101.3890, 6.7102,
-5.6032

■ 101.3890, 6.7102,
-5.6032

255.0000, 0.0000,
0.0000

■ 77.2750, 6.2734,
-5.5032

■ 152.5030, 7.1470,
-5.7031

■ 54.5740, 6.1260,
-4.8884

■ 179.2040, 7.2944,
-6.3179

■ 33.1610, 5.8366,
-5.4032

■ 206.6170, 7.5838,
-5.8031

■ 10.3780, 6.7156,
-7.3475

■ 234.7310, 8.0206,
-5.9031

■ 0.0000, 0.0000,
0.0000

■ 101.3890, 6.7102,

■ 101.3890, 6.7102,

-5.6032

-5.6032

■ 93.9910, 10.3574,
-8.7621

■ 109.0860, 2.9156,
-1.8294

■ 85.7070, 14.4414,
-12.0210

■ 117.0710, -1.0210,
0.8147

■ 78.3090, 18.0887,
-15.1800

■ 124.7680, -4.8156,
4.5885

■ 70.0250, 22.1727,
-18.4389

■ 132.7530, -8.7522,
7.2326

■ 62.3280, 25.9673,
-22.2127

■ 140.4500,
-12.5468, 11.0064

■ 54.3430, 29.9039,
-24.8568

■ 148.4350,
-16.4835, 13.6505

■ 46.6460, 33.6985,
-28.6305

■ 156.1320,
-20.2781, 17.4242

■ 38.6610, 37.6351,
-31.2747

■ 164.1170,
-24.2147, 20.0684

■ 36.5900, 38.6561,
-32.0894

■ 171.8140,
-28.0093, 23.8421

Harmonies

Analogous

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



100.2420, 6.2897, -10.7362



101.3890, 6.7102, -5.6032



102.6780, 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.



101.3890, 6.7102, -5.6032



102.4530, -3.6743, 11.8807



99.6740, -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.



101.3890, 6.7102, -5.6032



108.6110, -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.



100.3220, -5.0887, -1.1594



101.3890, 6.7102, -5.6032



102.1600, -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.



101.3890, 6.7102, -5.6032



102.8380, -0.9061, 10.6661



101.3120, -6.5628, 4.9884



99.5640, 1.2009, -11.8956

Rectangle

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



101.3890, 6.7102, -5.6032



102.6570, 3.6201, 5.5628



101.3120, -6.5628, 4.9884



100.3430, -3.6201, -5.5628

Sweetspot

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



101.3890, 6.7102, -5.6032



145.5590, 2.1894, -2.2442



108.2220, -0.1094, -11.5957



73.7440, 1.6052, -1.5295



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



101.3890, 6.7102, -5.6032



128.9910, 10.3574, -8.7621



98.1770, 8.2937, -0.1552



54.8580, 2.0420, -1.6295



39.1490, 40.8455, -34.3337



79.5690, 84.0225, -69.7820

Inverse Universe

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



101.7780, 0.1094, 11.5957



129.5230, 0.2352, 17.9583



111.8230, -8.2937, 0.1552



55.0220, -0.0108, 3.4887



41.3800, 0.7987, 70.7037



84.6680, 1.1497, 144.9962

Previews

White Background



This preview shows how the YUV color 101.3890, 6.7102, -5.6032 looks on a white background.

Color Contrast Check

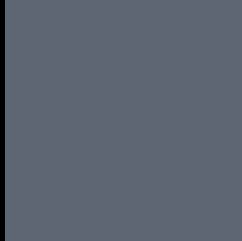
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 101.3890, 6.7102, -5.6032 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

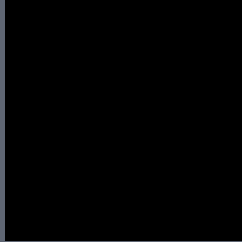
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

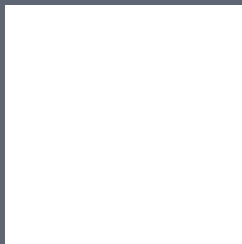
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 101.3890, 6.7102, -5.6032

Background



This preview shows how black text looks on a background with the YUV color 101.3890, 6.7102, -5.6032.



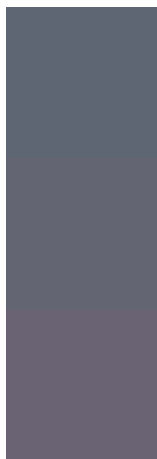
This preview shows how white text looks on a background with the YUV color 101.3890, 6.7102,

-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

101.3890, 6.7102, -5.6032

Protanopia

102.1830, 5.8258, -1.9145

Deuteranopia

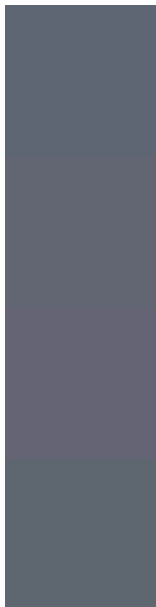
102.7320, 6.5411, 1.9890



Tritanopia

101.2210, 4.8210, -6.3328

Trichromacy



Original Color

101.3890, 6.7102, -5.6032

Protanomaly

101.5850, 6.1206, -3.1440

Deuteranomaly

102.1230, 6.8414, -0.9849

Tritanomaly

101.3350, 5.2578, -6.4328

Monochromacy



Original Color

101.3890, 6.7102, -5.6032

Achromatopsia

101.0000, 0.0000, 0.0000

Achromatomaly

100.9720, 2.4788, -1.7294

CSS Examples

Text

The CSS property to change the color of the text to YUV 101.3890, 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(95, 102, 115)` looks like.

```
.text, #text, p{  
    color:rgb(95, 102, 115)  
}
```

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(95, 102, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 102, 115) }
```

Border

The CSS property to change the border of an element to YUV 101.3890, 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(95, 102, 115) }
```


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

```
.border{ border-color:rgb(95, 102, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 102, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 102, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 102, 115);  
box-shadow:4px 4px 4px 4px rgb(95, 102,  
115) }
```

Background

The CSS property to change the background color of an element to YUV 101.3890, 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(95, 102, 115) }
```

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

```
.background{ background-color: rgb(95, 102,  
115) }
```

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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