

Converting Colors

YUV(113.4590, 7.1687,
-12.6805)

Have a look what the booklet for
YUV(113.4590, 7.1687, -12.6805)
contains.

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Color

**YUV(113.4590, 7.1687,
-12.6805)**

Conversions

Conversions Part 1

Format	Color
Hex	637680
RGB	99, 118, 128
RGB Percent	39%, 46%, 50%
CMY	0.6118, 0.5373, 0.4980
CMYK	0.23, 0.08, 0.00, 0.50
HSL	201°, 13%, 45%
HSV	201°, 23%, 50%
XYZ	15.5203, 17.1680, 22.9178
YIQ	113.4590, -14.5340, -0.9180

Conversions

Conversions Part 2

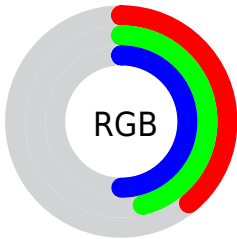
Format	Color
R _Y B	99, 110, 128
Decimal	6518400
CIE Lab	48.47, -4.60, -7.81
CIE LCh	48, 9.067, 239.497
Yxy	17.1680, 0.2791, 0.3087
Android (android.graphics.Color)	4284708480 (0xFF637680)
YUV	113.4590, 7.1687, -12.6805
Hunter-Lab	41.4343, -5.6482, -3.7900

Details

The YUV color **113.4590, 7.1687, -12.6805** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **113.5410, -7.1687, 12.6805**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.2740, 7.7529, -13.3953**, and **65.6440, 6.5845, -11.9658** is the 20% darker color. If you saturate the color by 10%, you get **107.2240, 10.2426, -18.6134**, and if you desaturate by 10%, it is **119.6940, 4.0949, -6.7476**.

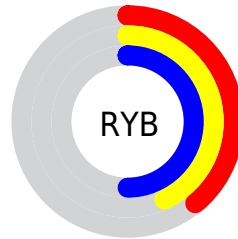
Distribution



Red (39%)

Green (46%)

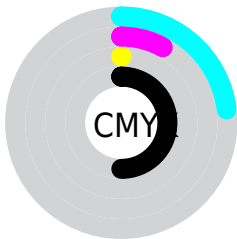
Blue (50%)



Red (39%)

Yellow (43%)

Blue (50%)

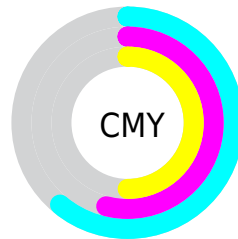


Cyan (23%)

Magenta (8%)

Yellow (0%)

Black (50%)



Cyan (61%)

Magenta (54%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 113.4590, 7.1687, -12.6805 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 113.4590, 7.1687, -12.6805 by changing the saturation by 10% instead.

■ 113.4590, 7.1687,
-12.6805

■ 113.4590, 7.1687,
-12.6805

■ 255.0000, 0.0000,
0.0000

■ 88.7580, 7.0213,
-12.0658

■ 165.2740, 7.7529,
-13.3953

■ 65.6440, 6.5845,
-11.9658

■ 192.2740, 7.7529,
-13.3953

■ 42.6440, 6.5845,
-11.9658

■ 220.3880, 8.1897,
-13.4953

■ 22.2310, 6.2951,
-12.4806

■ 247.8350, 3.5323,
-13.0103

■ 1.3680, 5.2416,
-1.1997

■ 0.0000, 0.0000,
0.0000

■ 113.4590, 7.1687,
-12.6805

■ 113.4590, 7.1687,
-12.6805

■ 107.2240, 10.2426,
-18.6134

■ 119.6940, 4.0949,
-6.7476

■ 100.4020, 13.6058,
-24.0316

■ 126.5160, 0.7316,
-1.3295

■ 94.4660, 16.5323,
-29.3497

■ 132.4520, -2.1948,
3.9886

■ 87.6440, 19.8955,
-34.7678

■ 139.2740, -5.5581,
9.4067

■ 81.4090, 22.9694,
-40.7007

■ 145.5090, -8.6319,
15.3396

■ 75.1740, 26.0432,
-46.6336

■ 151.7440,
-11.7058, 21.2725

■ 68.3520, 29.4065,
-52.0517


■ 158.5660,
-15.0690, 26.6906

■ 63.9000, 31.6013,

■ 164.5020,

-56.0403

-17.9955, 32.0087

 171.3240,
-21.3587, 37.4269

Harmonies

Analogous

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



112.4650, 4.7008, -14.4398



113.4590, 7.1687, -12.6805



114.9050, 7.4418, -6.9327

Triad

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



113.4590, 7.1687, -12.6805



116.5500, -0.7641, 11.7957



114.0940, -5.9623, -0.9594

Complementary

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



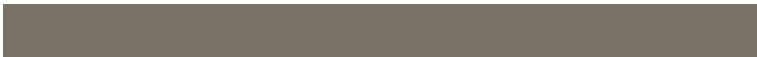
113.4590, 7.1687, -12.6805



113.5410, -7.1687, 12.6805

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.



114.7960, -7.2944, 6.3179



113.4590, 7.1687, -12.6805



116.0510, -3.9691, 13.1103

Square

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



113.4590, 7.1687, -12.6805



116.5540, 3.1779, 7.4071



115.6440, -6.7265, 10.8362



113.1470, -3.0305, -8.0219

Rectangle

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



113.4590, 7.1687, -12.6805



115.4110, 6.6994, -2.1144



115.6440, -6.7265, 10.8362



114.2900, -6.5520, 1.4997

Sweetspot

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



113.4590, 7.1687, -12.6805



160.0640, 2.9264, -5.3181



117.1630, -4.0244, -15.9290



80.7330, 1.6106, -3.2738



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



113.4590, 7.1687, -12.6805



143.1530, 11.2636, -19.4282



105.2410, 11.2202, -5.4734



60.7330, 1.6106, -3.2738



63.9000, 31.6013, -56.0403



0.0000, 0.0000, 0.0000

Inverse Universe

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



109.8370, 4.0244, 15.9290



137.7610, 6.0338, 24.7656



121.7590, -11.2202, 5.4734



59.6630, 1.1521, 3.8035



47.8480, 17.8229, 70.2933



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 113.4590, 7.1687, -12.6805 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 113.4590, 7.1687, -12.6805 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

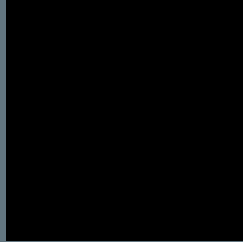
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

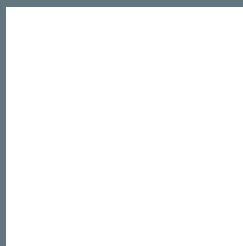
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 113.4590, 7.1687, -12.6805

Background



This preview shows how black text looks on a background with the YUV color 113.4590, 7.1687, -12.6805.



This preview shows how white text looks on a background with the YUV color 113.4590, 7.1687, -12.6805.

-12.6805.

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

113.4590, 7.1687, -12.6805

Protanopia

115.3680, 5.2416, -1.1997

Deuteranopia

116.0310, 6.3937, 2.6038



Tritanopia

113.4590, 7.1687, -12.6805

Trichromacy



Original Color

113.4590, 7.1687, -12.6805

Protanomaly

114.5740, 6.1260, -4.8884

Deuteranomaly

115.1120, 6.8468, -2.7292

Tritanomaly

113.4590, 7.1687, -12.6805

Monochromacy



Original Color

113.4590, 7.1687, -12.6805

Achromatopsia

113.0000, 0.0000, 0.0000

Achromatomaly

113.2490, 2.3422, -4.6034

CSS Examples

Text

The CSS property to change the color of the text to YUV 113.4590, 7.1687, -12.6805 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(99, 118, 128)` looks like.

```
.text, #text, p{  
    color:rgb(99, 118, 128)  
}
```

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(99, 118, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 118, 128) }
```

Border

The CSS property to change the border of an element to YUV 113.4590, 7.1687, -12.6805 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(99, 118, 128) }
```


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

```
.border{ border-color:rgb(99, 118, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 118, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 118, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 118, 128);  
box-shadow:4px 4px 4px 4px rgb(99, 118,  
128) }
```

Background

The CSS property to change the background color of an element to YUV 113.4590, 7.1687, -12.6805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 118, 128) }
```

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

```
.background{ background-color: rgb(99, 118,  
128) }
```

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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