

Converting Colors

YUV(113.9290, -2.4300,
-13.9697)

Have a look what the booklet for
YUV(113.9290, -2.4300, -13.9697)
contains.

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Color

**YUV(113.9290, -2.4300,
-13.9697)**

Conversions

Conversions Part 1

Format	Color
Hex	627B6D
RGB	98, 123, 109
RGB Percent	38%, 48%, 43%
CMY	0.6157, 0.5176, 0.5725
CMYK	0.20, 0.00, 0.11, 0.52
HSL	146°, 11%, 43%
HSV	146°, 20%, 48%
XYZ	14.8803, 17.8667, 17.1323
YIQ	113.9290, -10.4060, -9.6540

Conversions

Conversions Part 2

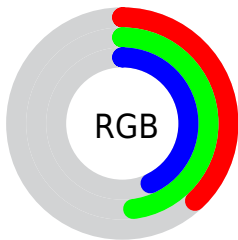
Format	Color
RYB	98, 115, 123
Decimal	6454125
CIELab	49.33, -12.13, 4.67
CIELCh	49, 13.000, 158.939
Yxy	17.8667, 0.2983, 0.3582
Android (android.graphics.Color)	4284644205 (0xFF627B6D)
YUV	113.9290, -2.4300, -13.9697
Hunter-Lab	42.2690, -11.1322, 5.5571

Details

The YUV color **113.9290, -2.4300, -13.9697** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **107.0710, 2.4300, 13.9697**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.1030, -3.0088, -14.9993**, and **65.7550, -1.8512, -12.9401** is the 20% darker color. If you saturate the color by 10%, you get **109.5430, -3.7187, -20.6472**, and if you desaturate by 10%, it is **118.3150, -1.1413, -7.2923**.

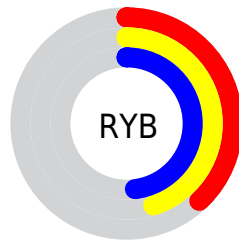
Distribution



Red (38%)

Green (48%)

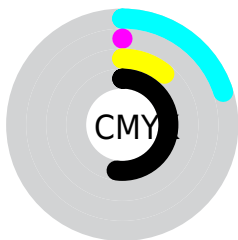
Blue (43%)



Red (38%)

Yellow (45%)

Blue (48%)

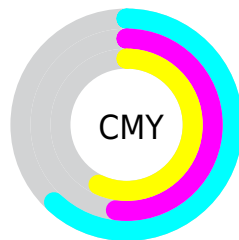


Cyan (20%)

Magenta (0%)

Yellow (11%)

Black (52%)



Cyan (62%)

Magenta (52%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YUV color 113.9290, -2.4300, -13.9697 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 113.9290, -2.4300, -13.9697 by changing the saturation by 10% instead.

■ 113.9290, -2.4300,
-13.9697

■ 113.9290, -2.4300,
-13.9697

255.0000, 0.0000,
0.0000

■ 89.3420, -2.1406,
-13.4549

■ 166.1030, -3.0088,
-14.9993

■ 65.7550, -1.8512,
-12.9401

■ 193.1030, -3.0088,
-14.9993

■ 43.7550, -1.8512,
-12.9401

■ 220.8040, -2.8614,
-15.6141

■ 21.8690, -1.4144,
-13.0401

■ 246.8690, -1.4144,
-13.0401

■ 0.0000, 0.0000,
0.0000

■ 113.9290, -2.4300,

■ 113.9290, -2.4300,

-13.9697

■ 109.5430, -3.7187,
-20.6472

■ 104.8580, -4.8600,
-27.9395

■ 100.4720, -6.1487,
-34.6169

■ 96.0860, -7.4374,
-41.2944

■ 91.8140, -8.2893,
-48.0719

■ 87.1290, -9.4306,
-55.3641

■ 82.7430, -10.7193,
-62.0416

■ 78.3570, -12.0080,
-68.7191

-13.9697

■ 118.3150, -1.1413,
-7.2923

■ 123.0000, 0.0000,
0.0000

■ 127.3860, 1.2887,
6.6775


■ 131.7720, 2.5774,
13.3550

■ 136.3430, 3.2819,
20.7472

■ 140.7290, 4.5706,
27.4247

■ 145.1150, 5.8593,
34.1021

■ 149.5010, 7.1480,
40.7796

 154.1860, 8.2893,
48.0719

Harmonies

Analogous

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



115.3170, -7.5513, -4.6630



113.9290, -2.4300, -13.9697



113.3780, 3.2646, -20.5025

Triad

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



113.9290, -2.4300, -13.9697



117.1160, 10.7888, -7.1177



118.5740, -7.1850, 17.9136

Complementary

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



113.9290, -2.4300, -13.9697



107.0710, 2.4300, 13.9697

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.



119.4260, -2.6750, 18.0434



113.9290, -2.4300, -13.9697



118.3840, 7.6987, 4.0482

Square

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



113.9290, -2.4300, -13.9697



115.3490, 10.6739, -16.9691



119.4730, 2.7248, 12.7402



117.7430, -10.2263, 13.3804

Rectangle

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



113.9290, -2.4300, -13.9697



112.9910, 6.9064, -21.9171



119.4730, 2.7248, 12.7402



118.6280, -5.7326, 18.7432

Sweetspot

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



113.9290, -2.4300, -13.9697



157.3260, -1.1467, -5.5479



116.8610, -9.2985, -4.2631



79.7500, -0.8628, -3.2887



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



113.9290, -2.4300, -13.9697



146.8310, -3.8607, -21.7768



115.2970, 2.8116, -15.1695



58.8640, -0.4260, -3.3887



79.6450, -12.1500, -69.8487



160.5780, -24.4420, -140.8269

Inverse Universe

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



107.0710, 2.4300, 13.9697



136.1690, 3.8607, 21.7768



105.7030, -2.8116, 15.1695



57.2500, 0.8628, 3.2887



45.3550, 12.1500, 69.8487



91.4220, 24.4420, 140.8269

Previews

White Background



This preview shows how the YUV color 113.9290, -2.4300, -13.9697 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 113.9290, -2.4300, -13.9697 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

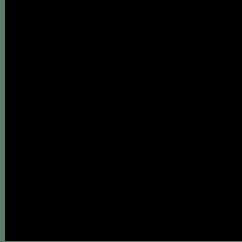
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 113.9290, -2.4300, -13.9697

Background



This preview shows how black text looks on a background with the YUV color 113.9290, -2.4300, -13.9697.



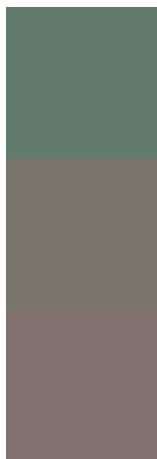
This preview shows how white text looks on a background with the YUV color 113.9290, -2.4300,

-13.9697.

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

113.9290, -2.4300, -13.9697

Protanopia

117.2410, -5.5418, 4.1736

Deuteranopia

117.8550, -3.3795, 10.6512



Tritanopia

115.7580, 7.0213, -12.0658

Trichromacy



Original Color

113.9290, -2.4300, -13.9697

Protanomaly

115.8380, -4.3571, -2.4889

Deuteranomaly

116.5010, -3.2050, 1.3146

Tritanomaly

115.1340, 3.3849, -12.3955

Monochromacy



Original Color

113.9290, -2.4300, -13.9697

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

113.7390, -0.8573, -5.0331

CSS Examples

Text

The CSS property to change the color of the text to YUV 113.9290, -2.4300, -13.9697 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(98, 123, 109)` looks like.

```
.text, #text, p{  
    color:rgb(98, 123, 109)  
}
```

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(98, 123, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 123, 109) }
```

Border

The CSS property to change the border of an element to YUV 113.9290, -2.4300, -13.9697 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(98, 123, 109) }
```


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

```
.border{ border-color:rgb(98, 123, 109) }
```

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

Here you see how a box with a 4 pixel rgb(98, 123, 109) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 123, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 123, 109);  
box-shadow:4px 4px 4px 4px rgb(98, 123,  
109) }
```

Background

The CSS property to change the background color of an element to YUV 113.9290, -2.4300, -13.9697 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 123, 109) }
```

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

```
.background{ background-color: rgb(98, 123,  
109) }
```

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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