

Converting Colors

YUV(114.3900, 21.9927,
-7.3580)

Have a look what the booklet for
YUV(114.3900, 21.9927, -7.3580)
contains.

YUV(114.3900, 21.9927, -7.3580)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(114.3900, 21.9927,
-7.3580)**

Conversions

Conversions Part 1

Format	Color
Hex	6A6E9F
RGB	106, 110, 159
RGB Percent	42%, 43%, 62%
CMY	0.5843, 0.5686, 0.3765
CMYK	0.33, 0.31, 0.00, 0.38
HSL	235°, 22%, 52%
HSV	235°, 33%, 62%
XYZ	17.7778, 16.7192, 35.0910
YIQ	114.3900, -18.1130, 14.3910

Conversions

Conversions Part 2

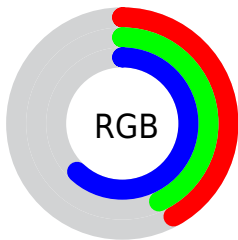
Format	Color
R_{YB}	106, 110, 159
Decimal	6975135
CIE _{Lab}	47.90, 10.50, -26.94
CIE _{LCh}	48, 28.915, 291.284
Yxy	16.7192, 0.2555, 0.2403
Android (android.graphics.Color)	4285165215 (0xFF6A6E9F)
YUV	114.3900, 21.9927, -7.3580
Hunter-Lab	40.8892, 6.0522, -22.2602

Details

The YUV color **114.3900, 21.9927, -7.3580** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **150.6100, -21.9927, 7.3580**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.4440, 23.4451, -6.5284**, and **65.9230, 20.2510, -8.7025** is the 20% darker color. If you saturate the color by 10%, you get **100.8010, 28.6921, -9.4725**, and if you desaturate by 10%, it is **127.9790, 15.2934, -5.2436**.

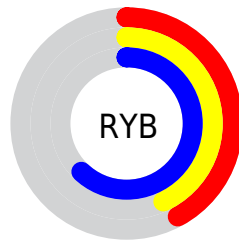
Distribution



Red (42%)

Green (43%)

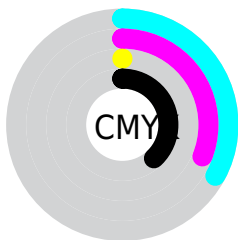
Blue (62%)



Red (42%)

Yellow (43%)

Blue (62%)

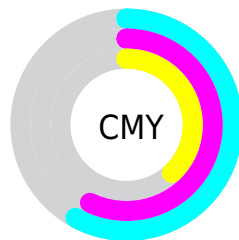


Cyan (33%)

Magenta (31%)

Yellow (0%)

Black (38%)



Cyan (58%)

Magenta (57%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 114.3900, 21.9927, -7.3580 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 114.3900, 21.9927, -7.3580 by changing the saturation by 10% instead.

■ 114.3900, 21.9927,
-7.3580

■ 114.3900, 21.9927,
-7.3580

■ 255.0000, 0.0000,
0.0000

■ 89.8630, 21.2665,
-7.7729

■ 166.4440, 23.4451,
-6.5284

■ 65.9230, 20.2510,
-8.7025

■ 193.5580, 23.8819,
-6.6284

■ 42.7980, 19.8196,
-10.3468

■ 219.8480, 17.3299,
-5.1287

■ 20.2490, 19.1042,
-14.2504

■ 245.5420, 4.6628,
-2.2293

■ 4.9190, 16.3089,
-4.3140

■ 2.1830, 5.8258,
-1.9145

■ 0.0000, 0.0000,

0.0000

■ 114.3900, 21.9927,
-7.3580

■ 114.3900, 21.9927,
-7.3580

■ 100.8010, 28.6921,
-9.4725

■ 127.9790, 15.2934,
-5.2436

■ 87.7990, 35.1021,
-12.1017

■ 140.9810, 8.8834,
-2.6143

■ 74.2100, 41.8015,
-14.2162

■ 154.5700, 2.1840,
-0.4999

■ 60.6210, 48.5008,
-16.3306

■ 168.1590, -4.5154,
1.6146

■ 47.9180, 54.7634,
-18.3451

■ 181.7480,
-11.2148, 3.7290

■ 34.3290, 61.4628,
-20.4595

■ 194.4510,
-17.4773, 5.7435

■ 25.1700, 65.9782,
-22.0741

■ 208.0400,
-24.1767, 7.8579

■ 221.6290,
-30.8761, 9.9724

■ 234.6310,
-37.2861, 12.6016

Harmonies

Analogous

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



107.0550, 26.5949, -36.8822



114.3900, 21.9927, -7.3580



116.6660, 13.4757, 17.8329

Triad

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



114.3900, 21.9927, -7.3580



113.8120, -18.1483, 34.3679



101.1810, 1.8828, -44.0087

Complementary

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



114.3900, 21.9927, -7.3580



150.6100, -21.9927, 7.3580

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.



106.6650, -12.1598, -19.8772



114.3900, 21.9927, -7.3580



112.6440, -23.4885, 20.4832

Square

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



114.3900, 21.9927, -7.3580



114.9620, -8.8553, 40.3753



110.3920, -21.3923, 1.4102



91.2770, 19.5834, -74.7879

Rectangle

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



114.3900, 21.9927, -7.3580



116.9080, 6.4544, 29.8987



110.3920, -21.3923, 1.4102



103.8570, -3.3805, -35.8316

Sweetspot

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



114.3900, 21.9927, -7.3580



188.9810, 8.8834, -2.6143



142.6970, 6.0654, -32.1833



94.0690, 5.3890, -1.8145



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



114.3900, 21.9927, -7.3580



136.9840, 34.5179, -11.3870



118.6200, 19.9073, 8.2263



72.4990, 3.2050, -1.3146



22.7590, 59.2788, -19.9596



2.2970, 6.2626, -2.0145

Inverse Universe

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



122.3030, -6.0654, 32.1833



149.5010, -9.6140, 50.4266



146.3800, -19.9073, -8.2263



73.5060, -0.7425, 4.8182



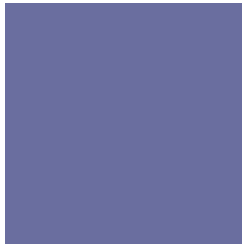
44.0110, -16.2744, 86.8134



4.5990, -1.7743, 9.1217

Previews

White Background



This preview shows how the YUV color 114.3900, 21.9927, -7.3580 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 114.3900, 21.9927, -7.3580 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 114.3900, 21.9927, -7.3580

Background



This preview shows how black text looks on a background with the YUV color 114.3900, 21.9927, -7.3580.



This preview shows how white text looks on a background with the YUV color 114.3900, 21.9927, -7.3580.

-7.3580.

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

114.3900, 21.9927, -7.3580

Protanopia

113.4000, 23.4668, -13.5058

Deuteranopia

113.1720, 22.5932, -13.3058



Tritanopia

112.0570, 6.8739, -11.4510

Trichromacy



Original Color

114.3900, 21.9927, -7.3580

Protanomaly

113.5960, 22.8772, -11.0467

Deuteranomaly

113.4820, 22.4404, -10.9467

Tritanomaly

113.1480, 12.2520, -9.7768

Monochromacy



Original Color

114.3900, 21.9927, -7.3580

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

114.3400, 7.7204, -2.9292

CSS Examples

Text

The CSS property to change the color of the text to YUV 114.3900, 21.9927, -7.3580 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(106, 110, 159)` looks like.

```
.text, #text, p{  
    color:rgb(106, 110, 159)  
}
```

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(106, 110, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 110, 159) }
```

Border

The CSS property to change the border of an element to YUV 114.3900, 21.9927, -7.3580 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(106, 110, 159) }
```


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

```
.border{ border-color:rgb(106, 110, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 110, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 110, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 110, 159);  
box-shadow:4px 4px 4px 4px rgb(106, 110,  
159) }
```

Background

The CSS property to change the background color of an element to YUV 114.3900, 21.9927, -7.3580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 110, 159) }
```

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

```
.background{ background-color: rgb(106,  
110, 159) }
```

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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