

Converting Colors

YUV(113.9100, 6.4534,
-16.5841)

Have a look what the booklet for
YUV(113.9100, 6.4534, -16.5841)
contains.

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Color

**YUV(113.9100, 6.4534,
-16.5841)**

Conversions

Conversions Part 1

Format	Color
Hex	5F797F
RGB	95, 121, 127
RGB Percent	37%, 47%, 50%
CMY	0.6275, 0.5255, 0.5020
CMYK	0.25, 0.05, 0.00, 0.50
HSL	191°, 14%, 44%
HSV	191°, 25%, 50%
XYZ	15.3875, 17.6399, 22.6725
YIQ	113.9100, -17.4220, -3.6460

Conversions

Conversions Part 2

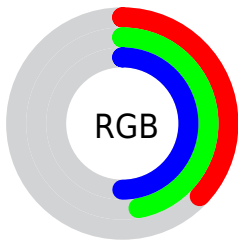
Format	Color
R_{YB}	95, 109, 127
Decimal	6257023
CIE _{Lab}	49.06, -7.91, -6.38
CIE _{LCh}	49, 10.159, 218.883
Yxy	17.6399, 0.2763, 0.3167
Android (android.graphics.Color)	4284447103 (0xFF5F797F)
YUV	113.9100, 6.4534, -16.5841
Hunter-Lab	41.9999, -8.1031, -2.6061

Details

The YUV color **113.9100, 6.4534, -16.5841** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **108.0900, -6.4534, 16.5841**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.7250, 7.0376, -17.2988**, and **65.2090, 6.3060, -15.9693** is the 20% darker color. If you saturate the color by 10%, you get **108.8490, 8.9484, -23.5466**, and if you desaturate by 10%, it is **118.9710, 3.9583, -9.6216**.

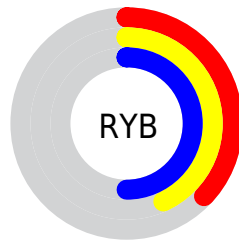
Distribution



Red (37%)

Green (47%)

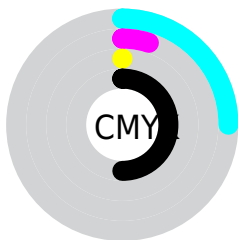
Blue (50%)



Red (37%)

Yellow (43%)

Blue (50%)

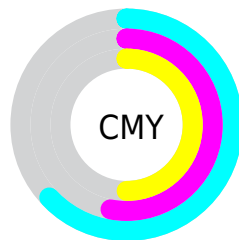


Cyan (25%)

Magenta (5%)

Yellow (0%)

Black (50%)



Cyan (63%)

Magenta (53%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 113.9100, 6.4534, -16.5841 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 113.9100, 6.4534, -16.5841 by changing the saturation by 10% instead.

■ 113.9100, 6.4534,
-16.5841

■ 113.9100, 6.4534,
-16.5841

■ 255.0000, 0.0000,
0.0000

■ 89.2090, 6.3060,
-15.9693

■ 165.7250, 7.0376,
-17.2988

■ 65.2090, 6.3060,
-15.9693

■ 193.3120, 6.7482,
-17.8136

■ 43.0950, 5.8692,
-15.8693

■ 221.3120, 6.7482,
-17.8136

■ 21.7960, 6.0166,
-16.4841

■ 247.2260, 3.8326,
-15.9842

■ 1.3680, 5.2416,
-1.1997

■ 0.0000, 0.0000,
0.0000

■ 113.9100, 6.4534,
-16.5841

■ 113.9100, 6.4534,
-16.5841

■ 108.8490, 8.9484,
-23.5466

■ 118.9710, 3.9583,
-9.6216

■ 103.5000, 11.5855,
-29.3795

■ 124.3200, 1.3212,
-3.7886

■ 98.4390, 14.0806,
-36.3420

■ 129.3810, -1.1738,
3.1739

■ 92.7910, 16.8650,
-42.7897

■ 135.0290, -3.9583,
9.6216

■ 88.0290, 19.2127,
-49.1374

■ 140.0900, -6.4534,
16.5841

■ 82.9680, 21.7078,
-56.0999

■ 144.8520, -8.8010,
22.9318

■ 77.3200, 24.4922,
-62.5476


■ 150.5000,
-11.5855, 29.3795

■ 74.9390, 25.6661,

■ 155.5610,

-65.7215

-14.0806, 36.3420

 160.3230,
-16.4282, 42.6897

Harmonies

Analogous

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



113.8840, 2.5222, -15.6843



113.9100, 6.4534, -16.5841



115.1000, 8.3317, -12.3657

Triad

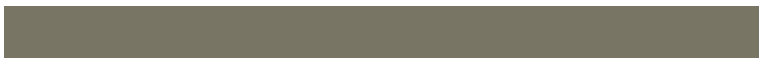
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



113.9100, 6.4534, -16.5841



118.0490, 2.4408, 10.4810



116.2580, -8.0152, 4.1587

Complementary

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



113.9100, 6.4534, -16.5841



108.0900, -6.4534, 16.5841

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.



117.0030, -7.8895, 10.5214



113.9100, 6.4534, -16.5841



118.5180, -2.2274, 14.4547

Square

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



113.9100, 6.4534, -16.5841



117.9170, 5.9569, 2.7038



117.8940, -5.8637, 14.1250



114.7840, -5.8095, -3.3186

Rectangle

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



113.9100, 6.4534, -16.5841



115.9480, 8.8996, -7.8474



117.8940, -5.8637, 14.1250



116.4540, -8.6048, 6.6178

Sweetspot

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



113.9100, 6.4534, -16.5841



160.0530, 2.9319, -7.0625



114.4680, -6.6397, -17.0734



81.0210, 1.4686, -4.4034



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.



113.9100, 6.4534, -16.5841



145.1800, 10.2643, -25.5909



104.5180, 11.0836, -8.3473



61.3200, 1.3212, -3.7886



75.6400, 25.8135, -66.3363



0.0000, 0.0000, 0.0000

Inverse Universe

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



107.5320, 6.6397, 17.0734



135.5100, 10.1016, 26.7397



117.4820, -11.0836, 8.3473



59.7770, 1.5889, 3.7036



50.1280, 26.5589, 68.2937



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 113.9100, 6.4534, -16.5841 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 113.9100, 6.4534, -16.5841 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

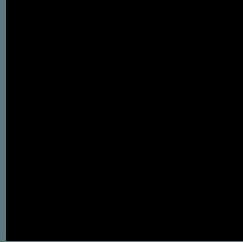
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 113.9100, 6.4534, -16.5841

Background



This preview shows how black text looks on a background with the YUV color 113.9100, 6.4534, -16.5841.



This preview shows how white text looks on a background with the YUV color 113.9100, 6.4534,

-16.5841.

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

113.9100, 6.4534, -16.5841

Protanopia

116.9120, 3.4944, -0.7998

Deuteranopia

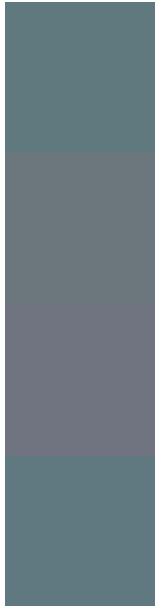
117.5150, 5.6621, 3.9333



Tritanopia

114.5510, 7.6164, -16.2692

Trichromacy



Original Color

113.9100, 6.4534, -16.5841

Protanomaly

115.8080, 4.5317, -6.8476

Deuteranomaly

116.1720, 5.8312, -3.6588

Tritanomaly

114.4370, 7.1796, -16.1692

Monochromacy



Original Color

113.9100, 6.4534, -16.5841

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

114.2380, 2.3477, -6.3477

CSS Examples

Text

The CSS property to change the color of the text to YUV 113.9100, 6.4534, -16.5841 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, 121, 127)` looks like.

```
.text, #text, p{  
    color:rgb(95, 121, 127)  
}
```

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, 121, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 121, 127) }
```

Border

The CSS property to change the border of an element to YUV 113.9100, 6.4534, -16.5841 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, 121, 127) }
```


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

```
.border{ border-color:rgb(95, 121, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 121, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 121, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 121, 127);  
box-shadow:4px 4px 4px 4px rgb(95, 121,  
127) }
```

Background

The CSS property to change the background color of an element to YUV 113.9100, 6.4534, -16.5841 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 121, 127) }
```

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

```
.background{ background-color: rgb(95, 121,  
127) }
```

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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