

Converting Colors

YUV(113.4430, 4.7116,
-17.9285)

Have a look what the booklet for
YUV(113.4430, 4.7116, -17.9285)
contains.

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Color

**YUV(113.4430, 4.7116,
-17.9285)**

Conversions

Conversions Part 1

Format	Color
Hex	5D7A7B
RGB	93, 122, 123
RGB Percent	36%, 48%, 48%
CMY	0.6353, 0.5216, 0.5176
CMYK	0.24, 0.01, 0.00, 0.52
HSL	182°, 14%, 42%
HSV	182°, 24%, 48%
XYZ	15.0489, 17.6763, 21.3576
YIQ	113.4430, -17.6050, -5.8370

Conversions

Conversions Part 2

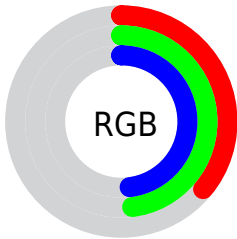
Format	Color
R_{YB}	93, 108, 123
Decimal	6126203
CIE Lab	49.10, -10.11, -3.96
CIE LCh	49, 10.862, 201.395
Yxy	17.6763, 0.2783, 0.3268
Android (android.graphics.Color)	4284316283 (0xFF5D7A7B)
YUV	113.4430, 4.7116, -17.9285
Hunter-Lab	42.0432, -9.6835, -0.6886

Details

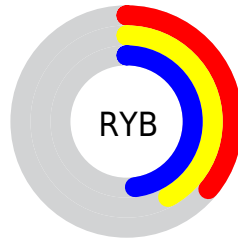
The YUV color $[113.4430, 4.7116, -17.9285]$ is a dark color, and the websafe version is hex 336666 . A complement of this color would be $[102.5570, -4.7116, 17.9285]$, and the grayscale version is $[113.0000, 0.0000, 0.0000]$.

A 20% lighter version of the original color is $[165.1440, 4.8590, -18.5433]$, and $[65.0410, 4.4168, -16.6990]$ is the 20% darker color. If you saturate the color by 10%, you get $[109.8550, 6.4805, -25.3058]$, and if you desaturate by 10%, it is $[117.0310, 2.9427, -10.5512]$.

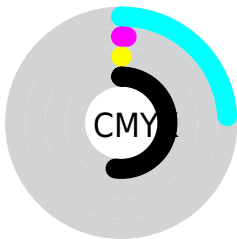
Distribution



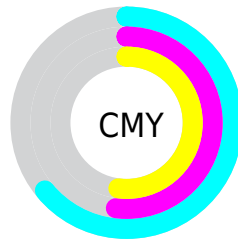
- Red (36%)
- Green (48%)
- Blue (48%)



- Red (36%)
- Yellow (42%)
- Blue (48%)



- Cyan (24%)
- Magenta (1%)
- Yellow (0%)
- Black (52%)



- Cyan (64%)
- Magenta (52%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YUV color 113.4430, 4.7116, -17.9285 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 113.4430, 4.7116, -17.9285 by changing the saturation by 10% instead.

■ 113.4430, 4.7116,
-17.9285

■ 113.4430, 4.7116,
-17.9285

■ 255.0000, 0.0000,
0.0000

■ 88.7420, 4.5642,
-17.3137

■ 165.1440, 4.8590,
-18.5433

■ 65.0410, 4.4168,
-16.6990

■ 192.8450, 5.0064,
-19.1581

■ 42.7420, 4.5642,
-17.3137

■ 220.5460, 5.1538,
-19.7728

■ 21.4430, 4.7116,
-17.9285

■ 246.3290, 4.2748,
-17.8285

■ 0.6840, 2.6208,
-0.5999

■ 0.0000, 0.0000,
0.0000

■ 113.4430, 4.7116,
-17.9285

■ 113.4430, 4.7116,
-17.9285

■ 109.8550, 6.4805,
-25.3058

■ 117.0310, 2.9427,
-10.5512

■ 105.3810, 8.6862,
-32.7831

■ 121.5050, 0.7370,
-3.0739

■ 101.7930, 10.4551,
-40.1605

■ 125.0930, -1.0318,
4.3034

■ 97.6180, 12.5133,
-47.0230

■ 129.2680, -3.0901,
11.1660

■ 94.0300, 14.2822,
-54.4003

■ 133.1550, -5.0064,
19.1581

■ 90.1430, 16.1985,
-62.3924

■ 136.7430, -6.7753,
26.5354

■ 85.9680, 18.2568,
-69.2549

■ 140.9180, -8.8336,
33.3979

■ 83.8750, 19.2886,

■ 144.5060,

-73.5584

-10.6025, 40.7752

 148.9800,
-12.8081, 48.2525

Harmonies

Analogous

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



113.6130, 0.1908, -14.5696



113.4430, 4.7116, -17.9285



114.3660, 8.2006, -16.9840

Triad

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



113.4430, 4.7116, -17.9285



118.0100, 4.9251, 7.0072



116.7640, -8.7577, 8.9770

Complementary

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



113.4430, 4.7116, -17.9285



102.5570, -4.7116, 17.9285

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.



117.5520, -7.1741, 14.4249



113.4430, 4.7116, -17.9285



118.9030, 0.5408, 13.2401

Square

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



113.4430, 4.7116, -17.9285



117.1660, 8.2992, -1.8996



118.3610, -4.1220, 15.4694



115.6490, -7.7150, 1.1848

Rectangle

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



113.4430, 4.7116, -17.9285



115.0290, 9.3527, -13.1804



118.3610, -4.1220, 15.4694



116.7750, -8.7631, 10.7213

Sweetspot

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



113.4430, 4.7116, -17.9285



156.8250, 2.0583, -6.8625



110.7240, -8.2449, -15.5439



79.3200, 1.3212, -3.7886



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.



113.4430, 4.7116, -17.9285



145.7730, 7.5069, -27.8649



104.6380, 9.0525, -10.2065



59.2060, 0.8844, -3.6887



85.2770, 19.5834, -74.7879



171.9560, 39.4617, -150.8054

Inverse Universe

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



105.2760, 8.2449, 15.5439



133.1830, 12.7278, 24.3955



111.3620, -9.0525, 10.2065



57.4780, 1.7363, 3.0888



51.1690, 34.4267, 64.7498



103.1640, 69.4321, 130.5292

Previews

White Background



This preview shows how the YUV color 113.4430, 4.7116, -17.9285 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 113.4430, 4.7116, -17.9285 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 113.4430, 4.7116, -17.9285

Background



This preview shows how black text looks on a background with the YUV color 113.4430, 4.7116, -17.9285.



This preview shows how white text looks on a background with the YUV color 113.4430, 4.7116, -17.9285.

-17.9285.

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

113.4430, 4.7116, -17.9285

Protanopia

116.9400, 1.0156, 0.9296

Deuteranopia

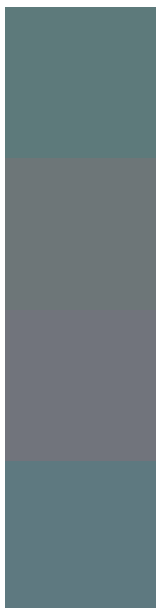
117.6570, 3.6201, 5.5628



Tritanopia

114.3660, 8.2006, -16.9840

Trichromacy



Original Color

113.4430, 4.7116, -17.9285

Protanomaly

115.5370, 2.2003, -5.7329

Deuteranomaly

116.0150, 3.9366, -2.6442

Tritanomaly

113.7250, 7.0376, -17.2988

Monochromacy



Original Color

113.4430, 4.7116, -17.9285

Achromatopsia

113.0000, 0.0000, 0.0000

Achromatomaly

113.1240, 1.9109, -6.2477

CSS Examples

Text

The CSS property to change the color of the text to YUV 113.4430, 4.7116, -17.9285 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(93, 122, 123)` looks like.

```
.text, #text, p{  
    color:rgb(93, 122, 123)  
}
```

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(93, 122, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 122, 123) }
```

Border

The CSS property to change the border of an element to YUV 113.4430, 4.7116, -17.9285 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(93, 122, 123) }
```


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

```
.border{ border-color:rgb(93, 122, 123) }
```

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

Here you see how a box with a 4 pixel rgb(93, 122, 123) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 122, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 122, 123);  
box-shadow:4px 4px 4px 4px rgb(93, 122,  
123) }
```

Background

The CSS property to change the background color of an element to YUV 113.4430, 4.7116, -17.9285 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 122, 123) }
```

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

```
.background{ background-color: rgb(93, 122,  
123) }
```

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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