

Converting Colors

YUV(114.8990, 6.4588,
-18.3284)

Have a look what the booklet for
YUV(114.8990, 6.4588, -18.3284)
contains.

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Color

**YUV(114.8990, 6.4588,
-18.3284)**

Conversions

Conversions Part 1

Format	Color
Hex	5E7B80
RGB	94, 123, 128
RGB Percent	37%, 48%, 50%
CMY	0.6314, 0.5176, 0.4980
CMYK	0.27, 0.04, 0.00, 0.50
HSL	189°, 15%, 44%
HSV	189°, 27%, 50%
XYZ	15.5953, 18.1041, 23.0946
YIQ	114.8990, -18.8890, -4.5930

Conversions

Conversions Part 2

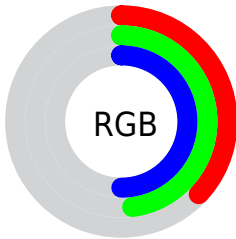
Format	Color
R_{YB}	94, 110, 128
Decimal	6192000
CIE _{Lab}	49.62, -9.12, -6.13
CIE _{LCh}	50, 10.994, 213.906
Yxy	18.1041, 0.2746, 0.3188
Android (android.graphics.Color)	4284382080 (0xFF5E7B80)
YUV	114.8990, 6.4588, -18.3284
Hunter-Lab	42.5489, -9.0355, -2.3970

Details

The YUV color **114.8990, 6.4588, -18.3284** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **107.1010, -6.4588, 18.3284**, and the grayscale version is **115.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.7140, 7.0430, -19.0432**, and **66.1980, 6.3114, -17.7136** is the 20% darker color. If you saturate the color by 10%, you get **109.8380, 8.9539, -25.2909**, and if you desaturate by 10%, it is **119.9600, 3.9637, -11.3659**.

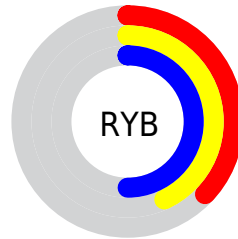
Distribution



Red (37%)

Green (48%)

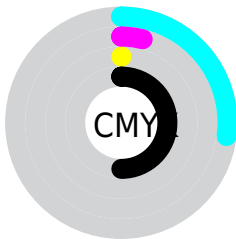
Blue (50%)



Red (37%)

Yellow (43%)

Blue (50%)

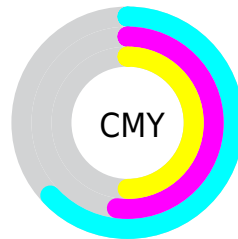


Cyan (27%)

Magenta (4%)

Yellow (0%)

Black (50%)



Cyan (63%)

Magenta (52%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 114.8990, 6.4588, -18.3284 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 114.8990, 6.4588, -18.3284 by changing the saturation by 10% instead.

■ 114.8990, 6.4588,
-18.3284

■ 114.8990, 6.4588,
-18.3284

■ 255.0000, 0.0000,
0.0000

■ 90.1980, 6.3114,
-17.7136

■ 166.7140, 7.0430,
-19.0432

■ 66.1980, 6.3114,
-17.7136

■ 194.3010, 6.7536,
-19.5580

■ 43.7850, 6.0220,
-18.2284

■ 222.4150, 7.1904,
-19.6580

■ 21.8990, 6.4588,
-18.3284

■ 246.9270, 3.9800,
-16.5990

■ 2.0690, 5.3890,
-1.8145

■ 0.0000, 0.0000,
0.0000

■ 114.8990, 6.4588,
-18.3284

■ 114.8990, 6.4588,
-18.3284

■ 109.8380, 8.9539,
-25.2909

■ 119.9600, 3.9637,
-11.3659

■ 104.7770, 11.4489,
-32.2534

■ 125.0210, 1.4686,
-4.4034

■ 100.0150, 13.7966,
-38.6012

■ 129.7830, -0.8790,
1.9443

■ 94.9540, 16.2917,
-45.5637

■ 134.8440, -3.3741,
8.9068

■ 90.4800, 18.4974,
-53.0410

■ 139.3180, -5.5798,
16.3841

■ 85.4190, 20.9924,
-60.0035

■ 144.3790, -8.0748,
23.3466

■ 80.3580, 23.4875,
-66.9660


■ 149.4400,
-10.5699, 30.3091

■ 78.5750, 24.3665,

■ 154.2020,

-68.9103

-12.9176, 36.6568

 159.2630,
-15.4127, 43.6193

Harmonies

Analogous

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



115.0580, 1.9434, -16.7139



114.8990, 6.4588, -18.3284



115.9040, 8.9213, -14.8248

Triad

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



114.8990, 6.4588, -18.3284



119.8640, 3.0250, 9.7663



117.6280, -9.1836, 5.5882

Complementary

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



114.8990, 6.4588, -18.3284



107.1010, -6.4588, 18.3284

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.



118.9000, -8.3317, 12.3657



114.8990, 6.4588, -18.3284



120.0450, -1.5012, 14.8695

Square

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



114.8990, 6.4588, -18.3284



118.8460, 6.9779, 1.8891



119.0190, -5.4324, 15.7693



116.7410, -7.2673, -2.4039

Rectangle

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



114.8990, 6.4588, -18.3284



117.0510, 9.3419, -9.6917



119.0190, -5.4324, 15.7693



118.0520, -8.8996, 7.8474

Sweetspot

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



114.8990, 6.4588, -18.3284



160.6400, 2.6425, -7.5773



114.5280, -7.6553, -18.0031



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.



114.8990, 6.4588, -18.3284



145.4570, 10.1277, -28.4648



104.9200, 11.3784, -9.5768



61.3200, 1.3212, -3.7886



78.5750, 24.3665, -68.9103



0.0000, 0.0000, 0.0000

Inverse Universe

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



107.4720, 7.6553, 18.0031



133.9770, 11.8433, 28.0842



117.0800, -11.3784, 9.5768



59.7770, 1.5889, 3.7036



50.6980, 28.7429, 67.7939



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 114.8990, 6.4588, -18.3284 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 114.8990, 6.4588, -18.3284 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

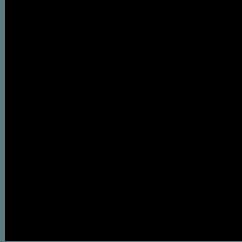
Any Text WCAG AA ✓ Pass

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 114.8990, 6.4588, -18.3284 Background



This preview shows how black text looks on a background with the YUV color 114.8990, 6.4588, -18.3284.



This preview shows how white text looks on a background with the YUV color 114.8990, 6.4588, -18.3284.

-18.3284.

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

114.8990, 6.4588, -18.3284

Protanopia

118.0970, 2.9102, -0.0851

Deuteranopia

118.5150, 5.6621, 3.9333



Tritanopia

115.0670, 8.3480, -17.5988

Trichromacy



Original Color

114.8990, 6.4588, -18.3284

Protanomaly

116.6940, 4.0949, -6.7476

Deuteranomaly

116.8730, 5.9786, -4.2736

Tritanomaly

114.9530, 7.9112, -17.4988

Monochromacy



Original Color

114.8990, 6.4588, -18.3284

Achromatopsia

115.0000, 0.0000, 0.0000

Achromatomaly

114.9390, 2.4951, -6.9625

CSS Examples

Text

The CSS property to change the color of the text to YUV 114.8990, 6.4588, -18.3284 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(94, 123, 128)` looks like.

```
.text, #text, p{  
    color:rgb(94, 123, 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(94, 123, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 123, 128) }
```

Border

The CSS property to change the border of an element to YUV 114.8990, 6.4588, -18.3284 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(94, 123, 128) }
```


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

```
.border{ border-color:rgb(94, 123, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 123, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 123, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 123, 128);  
box-shadow:4px 4px 4px 4px rgb(94, 123,  
128) }
```

Background

The CSS property to change the background color of an element to YUV 114.8990, 6.4588, -18.3284 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 123, 128) }
```

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

```
.background{ background-color: rgb(94, 123,  
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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