

Converting Colors

YUV(114.0530, -0.5191,
-20.2175)

Have a look what the booklet for
YUV(114.0530, -0.5191, -20.2175)
contains.

YUV(114.0530, -0.5191, -20.2175)	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(114.0530, -0.5191,
-20.2175)**

Conversions

Conversions Part 1

Format	Color
Hex	5B7E71
RGB	91, 126, 113
RGB Percent	36%, 49%, 44%
CMY	0.6431, 0.5059, 0.5569
CMYK	0.28, 0.00, 0.10, 0.51
HSL	158°, 16%, 43%
HSV	158°, 28%, 49%
XYZ	14.7559, 18.3381, 18.3847
YIQ	114.0530, -16.6870, -11.4630

Conversions

Conversions Part 2

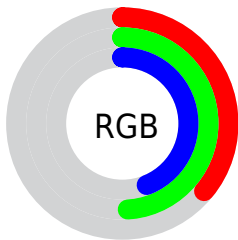
Format	Color
R_{YB}	91, 112, 126
Decimal	5996145
CIE _{Lab}	49.90, -15.34, 3.08
CIE _{LCh}	50, 15.647, 168.630
Yxy	18.3381, 0.2866, 0.3562
Android (android.graphics.Color)	4284186225 (0xFF5B7E71)
YUV	114.0530, -0.5191, -20.2175
Hunter-Lab	42.8230, -13.4331, 4.5219

Details

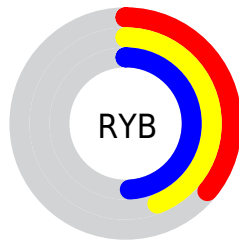
The YUV color **114.0530, -0.5191, -20.2175** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **102.9470, 0.5191, 20.2175**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.3410, -0.6611, -21.3471**, and **65.7650, -0.3771, -19.0879** is the 20% darker color. If you saturate the color by 10%, you get **109.5960, -0.7868, -27.7097**, and if you desaturate by 10%, it is **118.5100, -0.2514, -12.7253**.

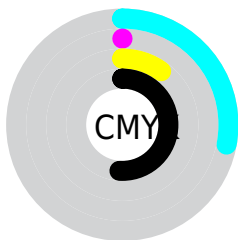
Distribution



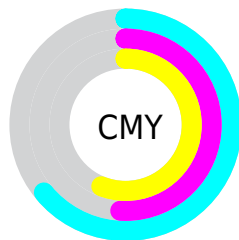
- Red (36%)
- Green (49%)
- Blue (44%)



- Red (36%)
- Yellow (44%)
- Blue (49%)



- Cyan (28%)
- Magenta (0%)
- Yellow (10%)
- Black (51%)



- Cyan (64%)
- Magenta (51%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 114.0530, -0.5191, -20.2175 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 114.0530, -0.5191, -20.2175 by changing the saturation by 10% instead.

■ 114.0530, -0.5191,
-20.2175

■ 114.0530, -0.5191,
-20.2175

■ 255.0000, 0.0000,
0.0000

■ 89.4660, -0.2297,
-19.7027

■ 166.3410, -0.6611,
-21.3471

■ 65.7650, -0.3771,
-19.0879

■ 193.3410, -0.6611,
-21.3471

■ 42.8790, 0.0597,
-19.1879

■ 221.6290, -0.8031,
-22.4766

■ 21.9930, 0.4965,
-19.2879

■ 244.9330, 1.5120,
-18.3582

■ 0.0000, 0.0000,
0.0000

■ 254.4020, 0.2948,
-1.2296

■ 114.0530, -0.5191,
-20.2175

■ 114.0530, -0.5191,
-20.2175

■ 109.5960, -0.7868,
-27.7097

■ 118.5100, -0.2514,
-12.7253

■ 105.5520, -0.7651,
-34.6871

■ 122.5540, -0.2731,
-5.7479

■ 101.0950, -1.0328,
-42.1793

■ 127.0110, -0.0054,
1.7444

■ 96.9370, -1.4479,
-49.0567

■ 131.1690, 0.4097,
8.6218

■ 92.5940, -1.2788,
-56.6489

■ 135.5120, 0.2406,
16.2140

■ 88.1370, -1.5465,
-64.1411

■ 139.9690, 0.5083,
23.7062

■ 83.9790, -1.9616,
-71.0186

■ 144.1270, 0.9234,
30.5836

■ 82.9680, -1.9562,

■ 148.4700, 0.7543,

-72.7629

38.1758

■ 152.6280, 1.1694,
45.0532

Harmonies

Analogous

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



115.6970, -7.2456, -9.3813



114.0530, -0.5191, -20.2175



113.2570, 6.7753, -26.5354

Triad

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



114.0530, -0.5191, -20.2175



119.1810, 12.2358, -4.5437



119.7870, -10.2480, 20.3578

Complementary

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



114.0530, -0.5191, -20.2175



102.9470, 0.5191, 20.2175

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.



120.8780, -4.8699, 22.0320



114.0530, -0.5191, -20.2175



121.0040, 7.3930, 8.7665

Square

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



114.0530, -0.5191, -20.2175



116.4460, 13.5841, -17.0541



121.1640, 1.3981, 18.2732



118.7600, -12.6997, 13.3655

Rectangle

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



114.0530, -0.5191, -20.2175



113.5820, 10.5591, -26.8204



121.1640, 1.3981, 18.2732



120.2540, -8.5062, 21.7022

Sweetspot

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



114.0530, -0.5191, -20.2175



158.5430, -0.2677, -7.4922



115.4320, -12.0450, -10.0259



78.9670, 0.0163, -5.2331



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.



114.0530, -0.5191, -20.2175



144.5740, -0.7760, -31.1984



113.1870, 6.3168, -19.4580



61.5650, -0.2785, -4.0035



84.2560, -2.0982, -73.8925



0.0000, 0.0000, 0.0000

Inverse Universe

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



102.9470, 0.5191, 20.2175



127.4260, 0.7760, 31.1984



103.8130, -6.3168, 19.4580



59.4350, 0.2785, 4.0035



43.6300, 1.6614, 73.9925



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 114.0530, -0.5191, -20.2175 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 114.0530, -0.5191, -20.2175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

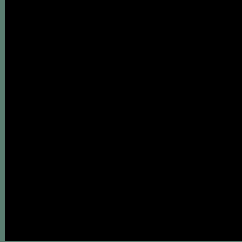
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

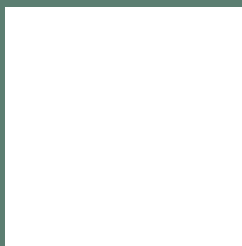
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 114.0530, -0.5191, -20.2175

Background



This preview shows how black text looks on a background with the YUV color 114.0530, -0.5191, -20.2175.

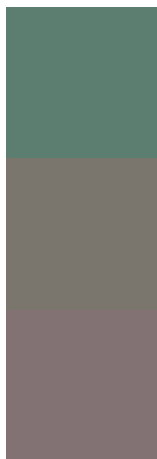


This preview shows how white text looks on a background with the YUV color 114.0530, -0.5191, -20.2175.

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

114.0530, -0.5191, -20.2175

Protanopia

118.4690, -4.6682, 3.9737

Deuteranopia

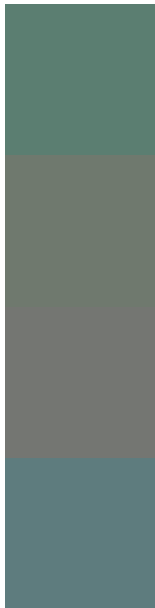
119.1970, -2.0691, 10.3512



Tritanopia

115.7680, 8.4954, -18.2135

Trichromacy



Original Color

114.0530, -0.5191, -20.2175

Protanomaly

116.7560, -3.3307, -5.0480

Deuteranomaly

116.9460, -1.4524, -0.8296

Tritanomaly

115.2580, 5.2958, -18.6433

Monochromacy



Original Color

114.0530, -0.5191, -20.2175

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

113.9560, 0.0217, -6.9774

CSS Examples

Text

The CSS property to change the color of the text to YUV 114.0530, -0.5191, -20.2175 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(91, 126, 113)` looks like.

```
.text, #text, p{  
    color:rgb(91, 126, 113)  
}
```

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(91, 126, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 126, 113) }
```

Border

The CSS property to change the border of an element to YUV 114.0530, -0.5191, -20.2175 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(91, 126, 113) }
```


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

```
.border{ border-color:rgb(91, 126, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 126, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 126, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 126, 113);  
box-shadow:4px 4px 4px 4px rgb(91, 126,  
113) }
```

Background

The CSS property to change the background color of an element to YUV 114.0530, -0.5191, -20.2175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 126, 113) }
```

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

```
.background{ background-color: rgb(91, 126,  
113) }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor