

Converting Colors

YUV(113.7120, 6.5510,
-47.9824)

Have a look what the booklet for
YUV(113.7120, 6.5510, -47.9824)
contains.

YUV(113.7120, 6.5510, -47.9824)	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(113.7120, 6.5510,
-47.9824)**

Conversions

Conversions Part 1

Format	Color
Hex	3B8B7F
RGB	59, 139, 127
RGB Percent	23%, 55%, 50%
CMY	0.7686, 0.4549, 0.5020
CMYK	0.58, 0.00, 0.09, 0.45
HSL	171°, 40%, 39%
HSV	171°, 58%, 55%
XYZ	14.8670, 20.9274, 23.3345
YIQ	113.7120, -43.8280, -20.6920

Conversions

Conversions Part 2

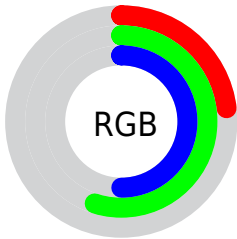
Format	Color
RYB	59, 102, 139
Decimal	3902335
CIELab	52.87, -27.45, -0.94
CIElCh	53, 27.469, 181.971
Yxy	20.9274, 0.2514, 0.3539
Android (android.graphics.Color)	4282092415 (0xFF3B8B7F)
YUV	113.7120, 6.5510, -47.9824
Hunter-Lab	45.7464, -22.0460, 1.7797

Details

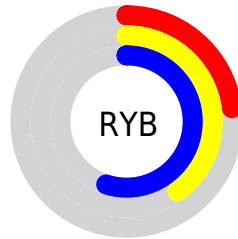
The YUV color **113.7120, 6.5510, -47.9824** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **84.2880, -6.5510, 47.9824**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.8970, 5.9668, -47.2677**, and **60.5480, 8.6038, -53.1006** is the 20% darker color. If you saturate the color by 10%, you get **109.2980, 7.7411, -56.3893**, and if you desaturate by 10%, it is **118.1260, 5.3609, -39.5755**.

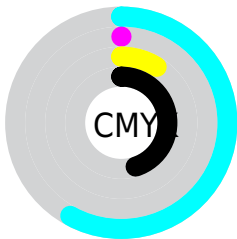
Distribution



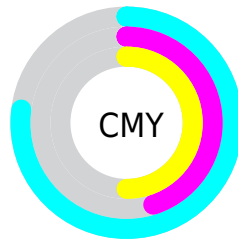
- Red (23%)
- Green (55%)
- Blue (50%)



- Red (23%)
- Yellow (40%)
- Blue (55%)



- Cyan (58%)
- Magenta (0%)
- Yellow (9%)
- Black (45%)



- Cyan (77%)
- Magenta (45%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 113.7120, 6.5510, -47.9824 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 113.7120, 6.5510, -47.9824 by changing the saturation by 10% instead.

■ 113.7120, 6.5510,
-47.9824

■ 113.7120, 6.5510,
-47.9824

■ 255.0000, 0.0000,
0.0000

■ 86.3310, 7.7248,
-51.1563

■ 167.8970, 5.9668,
-47.2677

■ 60.5480, 8.6038,
-53.1006

■ 195.4840, 5.6774,
-47.7825

■ 44.4250, 5.2135,
-38.9607

■ 224.0710, 5.3880,
-48.2973

■ 28.5300, 2.6967,
-25.0208

■ 237.9570, 8.4022,
-35.0423

■ 11.9340, 0.0325,
-10.4661

■ 246.6280, 4.1274,
-17.2138

■ 0.0000, 0.0000,
0.0000

■ 113.7120, 6.5510,
-47.9824

■ 113.7120, 6.5510,
-47.9824

■ 109.2980, 7.7411,
-56.3893

■ 118.1260, 5.3609,
-39.5755

■ 104.8840, 8.9312,
-64.7963

■ 122.5400, 4.1708,
-31.1686

■ 100.4700, 10.1213,
-73.2032

■ 126.9540, 2.9807,
-22.7617

■ 96.0560, 11.3114,
-81.6101

■ 131.3680, 1.7906,
-14.3547

■ 95.0450, 11.3168,
-83.3545

■ 135.7820, 0.6005,
-5.9478

■ 140.0110, -0.0054,
1.7444

■ 144.4250, -1.1955,
10.1513

■ 148.8390, -2.3856,

18.5582

■ 153.2530, -3.5757,
26.9651

Harmonies

Analogous

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



118.4730, -7.6282, -26.7248



113.7120, 6.5510, -47.9824



110.3650, 19.5401, -60.8331

Triad

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



113.7120, 6.5510, -47.9824



128.5330, 18.4712, 2.1636



126.2090, -20.3160, 29.6347

Complementary

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



113.7120, 6.5510, -47.9824



84.2880, -6.5510, 47.9824

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.



127.6260, -12.6336, 38.9160



113.7120, 6.5510, -47.9824



129.6730, 9.5282, 23.9658

Square

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



113.7120, 6.5510, -47.9824



123.5620, 24.3729, -24.1719



128.8890, -1.4243, 36.9313



124.5400, -22.4512, 14.4354

Rectangle

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



113.7120, 6.5510, -47.9824



113.0650, 24.6180, -56.1850



128.8890, -1.4243, 36.9313



127.1000, -18.2903, 33.2383

Sweetspot

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



113.7120, 6.5510, -47.9824



171.1610, 2.3856, -18.5582



109.5480, -24.9202, -33.8066



85.9770, 1.4903, -11.3808



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



113.7120, 6.5510, -47.9824



141.4590, 10.1267, -74.9475



98.6440, 19.8955, -34.7678



66.7930, 0.5951, -4.2035



90.9530, 10.8692, -79.7658



3.3910, 0.3002, -2.9739

Inverse Universe

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



84.2880, -6.5510, 47.9824



95.5410, -10.1267, 74.9475



99.3560, -19.8955, 34.7678



64.2070, -0.5951, 4.2035



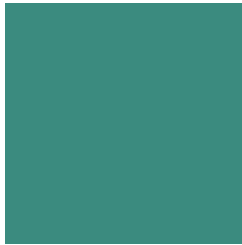
42.0470, -10.8692, 79.7658



1.6090, -0.3002, 2.9739

Previews

White Background



This preview shows how the YUV color 113.7120, 6.5510, -47.9824 looks on a white 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

Black Background



This preview shows how the YUV color 113.7120, 6.5510, -47.9824 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

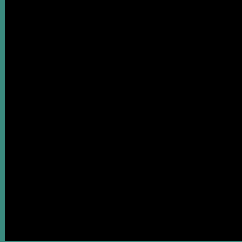
Any Text WCAG AA ✓ Pass

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 113.7120, 6.5510, -47.9824 Background



This preview shows how black text looks on a background with the YUV color 113.7120, 6.5510, -47.9824.



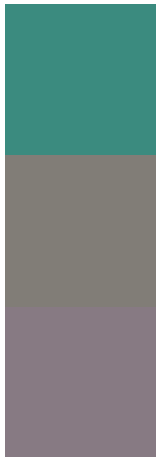
This preview shows how white text looks on a background with the YUV color 113.7120, 6.5510,

-47.9824.

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

113.7120, 6.5510, -47.9824

Protanopia

125.5120, -3.2104, 3.0590

Deuteranopia

126.9130, 2.0149, 7.0923



Tritanopia

116.6230, 14.9759, -43.5194

Trichromacy



Original Color

113.7120, 6.5510, -47.9824

Protanomaly

121.3140, 0.3382, -15.1844

Deuteranomaly

121.9490, 3.9691, -13.1103

Tritanomaly

115.5150, 12.0711, -45.1787

Monochromacy



Original Color

113.7120, 6.5510, -47.9824

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

113.8730, 2.5276, -17.4286

CSS Examples

Text

The CSS property to change the color of the text to YUV 113.7120, 6.5510, -47.9824 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(59, 139, 127)` looks like.

```
.text, #text, p{  
    color:rgb(59, 139, 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(59, 139, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 139, 127) }
```

Border

The CSS property to change the border of an element to YUV 113.7120, 6.5510, -47.9824 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(59, 139, 127) }
```


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

```
.border{ border-color:rgb(59, 139, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 139, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 139, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 139, 127);  
box-shadow:4px 4px 4px 4px rgb(59, 139,  
127) }
```

Background

The CSS property to change the background color of an element to YUV 113.7120, 6.5510, -47.9824 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 139, 127) }
```

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

```
.background{ background-color: rgb(59, 139,  
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](#).

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