

Converting Colors

YUV(113.7340, 6.5401,
-44.4937)

Have a look what the booklet for
YUV(113.7340, 6.5401, -44.4937)
contains.

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Color

**YUV(113.7340, 6.5401,
-44.4937)**

Conversions

Conversions Part 1

Format	Color
Hex	3F897F
RGB	63, 137, 127
RGB Percent	25%, 54%, 50%
CMY	0.7529, 0.4627, 0.5020
CMYK	0.54, 0.00, 0.07, 0.46
HSL	172°, 37%, 39%
HSV	172°, 54%, 54%
XYZ	14.8263, 20.4804, 23.2504
YIQ	113.7340, -40.8940, -18.7980

Conversions

Conversions Part 2

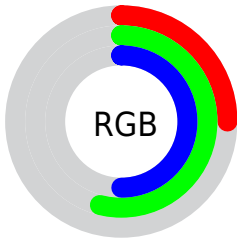
Format	Color
RYB	63, 103, 137
Decimal	4163967
CIELab	52.38, -25.57, -1.65
CIElCh	52, 25.623, 183.697
Yxy	20.4804, 0.2532, 0.3498
Android (android.graphics.Color)	4282354047 (0xFF3F897F)
YUV	113.7340, 6.5401, -44.4937
Hunter-Lab	45.2553, -20.7173, 1.2178

Details

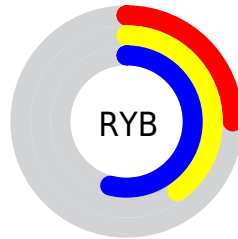
The YUV color **113.7340, 6.5401, -44.4937** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **86.2660, -6.5401, 44.4937**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.6200, 6.1033, -44.3937**, and **59.9610, 8.8932, -52.5858** is the 20% darker color. If you saturate the color by 10%, you get **109.3200, 7.7302, -52.9006**, and if you desaturate by 10%, it is **118.1480, 5.3500, -36.0868**.

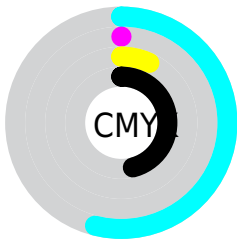
Distribution



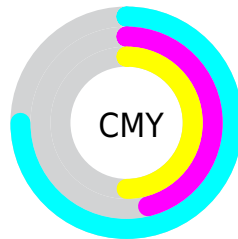
- Red (25%)
- Green (54%)
- Blue (50%)



- Red (25%)
- Yellow (40%)
- Blue (54%)



- Cyan (54%)
- Magenta (0%)
- Yellow (7%)
- Black (46%)



- Cyan (75%)
- Magenta (46%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 113.7340, 6.5401, -44.4937 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 113.7340, 6.5401, -44.4937 by changing the saturation by 10% instead.

■ 113.7340, 6.5401,
-44.4937

■ 113.7340, 6.5401,
-44.4937

■ 255.0000, 0.0000,
0.0000

■ 86.9510, 7.4192,
-46.4380

■ 167.6200, 6.1033,
-44.3937

■ 59.9610, 8.8932,
-52.5858

■ 195.2070, 5.8139,
-44.9085

■ 43.2510, 5.7923,
-37.9311

■ 223.2070, 5.8139,
-44.9085

■ 27.3560, 3.2755,
-23.9912

■ 238.5550, 8.1074,
-33.8127

■ 10.7600, 0.6113,
-9.4365

■ 247.2260, 3.8326,
-15.9842

■ 0.0000, 0.0000,
0.0000

■ 113.7340, 6.5401,
-44.4937

■ 113.7340, 6.5401,
-44.4937

■ 109.3200, 7.7302,
-52.9006

■ 118.1480, 5.3500,
-36.0868

■ 105.2050, 8.7729,
-60.6928

■ 122.2630, 4.3073,
-28.2947

■ 100.7910, 9.9630,
-69.0997

■ 126.6770, 3.1172,
-19.8877

■ 96.4910, 11.5899,
-77.6066

■ 130.9770, 1.4903,
-11.3808

■ 93.8710, 11.8956,
-82.3249

■ 135.3910, 0.3002,
-2.9739

■ 139.5060, -0.7425,
4.8182

■ 143.9200, -1.9326,
13.2252

■ 148.3340, -3.1227,

21.6321

■ 152.4490, -4.1654,
29.4242

Harmonies

Analogous

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



117.5270, -6.1758, -25.8952



113.7340, 6.5401, -44.4937



111.7680, 18.3554, -54.1705

Triad

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



113.7340, 6.5401, -44.4937



126.7890, 16.8660, 3.6930



125.1270, -19.2896, 27.0756

Complementary

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



113.7340, 6.5401, -44.4937



86.2660, -6.5401, 44.4937

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.



126.7180, -12.1860, 35.3273



113.7340, 6.5401, -44.4937



128.0320, 8.3652, 23.6509

Square

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



113.7340, 6.5401, -44.4937



123.0140, 22.1781, -20.1833



127.3510, -2.1450, 34.7722



122.9850, -20.6986, 12.2912

Rectangle

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



113.7340, 6.5401, -44.4937



114.5390, 22.4123, -48.7077



127.3510, -2.1450, 34.7722



125.9040, -17.7007, 30.7792

Sweetspot

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



113.7340, 6.5401, -44.4937



169.8730, 2.5276, -17.4286



109.7270, -23.0364, -31.3326



83.6890, 1.6323, -10.2513



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



113.7340, 6.5401, -44.4937



142.1930, 10.2579, -70.3293



99.6120, 18.4323, -32.1087



66.7930, 0.5951, -4.2035



91.1810, 11.7428, -79.9657



3.3910, 0.3002, -2.9739

Inverse Universe

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



86.2660, -6.5401, 44.4937



98.8070, -10.2579, 70.3293



100.3880, -18.4323, 32.1087



64.2070, -0.5951, 4.2035



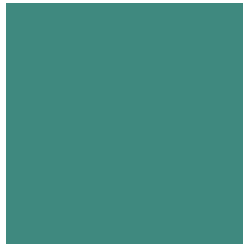
41.8190, -11.7428, 79.9657



1.6090, -0.3002, 2.9739

Previews

White Background



This preview shows how the YUV color 113.7340, 6.5401, -44.4937 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 113.7340, 6.5401, -44.4937 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

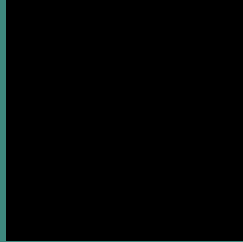
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 113.7340, 6.5401, -44.4937

Background



This preview shows how black text looks on a background with the YUV color 113.7340, 6.5401, -44.4937.

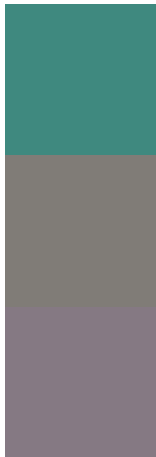


This preview shows how white text looks on a background with the YUV color 113.7340, 6.5401,

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

113.7340, 6.5401, -44.4937

Protanopia

124.6260, -2.7736, 2.9590

Deuteranopia

125.7280, 2.5991, 6.3775



Tritanopia

115.8190, 14.3862, -41.0603

Trichromacy



Original Color

113.7340, 6.5401, -44.4937

Protanomaly

120.7270, 0.6276, -14.6696

Deuteranomaly

121.6610, 4.1111, -11.9807

Tritanomaly

115.0100, 11.3341, -42.1048

Monochromacy



Original Color

113.7340, 6.5401, -44.4937

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

113.5850, 2.6696, -16.2990

CSS Examples

Text

The CSS property to change the color of the text to YUV 113.7340, 6.5401, -44.4937 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(63, 137, 127)` looks like.

```
.text, #text, p{  
    color:rgb(63, 137, 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(63, 137, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 137, 127) }
```

Border

The CSS property to change the border of an element to YUV 113.7340, 6.5401, -44.4937 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(63, 137, 127) }
```


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

```
.border{ border-color:rgb(63, 137, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 137, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 137, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 137, 127);  
box-shadow:4px 4px 4px 4px rgb(63, 137,  
127) }
```

Background

The CSS property to change the background color of an element to YUV 113.7340, 6.5401, -44.4937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 137, 127) }
```

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

```
.background{ background-color: rgb(63, 137,  
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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