

Converting Colors

YUV(113.0080, 17.7441,
-44.7340)

Have a look what the booklet for
YUV(113.0080, 17.7441, -44.7340)
contains.

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Color

**YUV(113.0080, 17.7441,
-44.7340)**

Conversions

Conversions Part 1

Format	Color
Hex	3E8495
RGB	62, 132, 149
RGB Percent	24%, 52%, 58%
CMY	0.7569, 0.4824, 0.4157
CMYK	0.58, 0.11, 0.00, 0.42
HSL	192°, 41%, 41%
HSV	192°, 58%, 58%
XYZ	15.6627, 19.6966, 31.4101
YIQ	113.0080, -47.1770, -9.5530

Conversions

Conversions Part 2

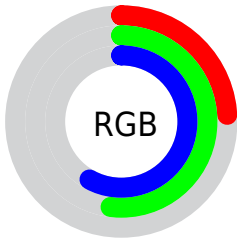
Format	Color
RYB	62, 101, 149
Decimal	4097173
CIELab	51.49, -16.79, -15.78
CIELCh	51, 23.046, 223.226
Yxy	19.6966, 0.2346, 0.2950
Android (android.graphics.Color)	4282287253 (0xFF3E8495)
YUV	113.0080, 17.7441, -44.7340
Hunter-Lab	44.3808, -14.6710, -10.8953

Details

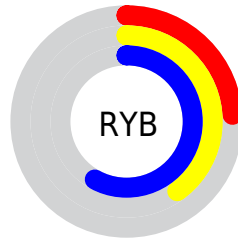
The YUV color **113.0080, 17.7441, -44.7340** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **97.9920, -17.7441, 44.7340**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.7200, 17.8860, -43.6044**, and **59.3060, 19.0761, -52.0114** is the 20% darker color. If you saturate the color by 10%, you get **106.7620, 20.8233, -52.4113**, and if you desaturate by 10%, it is **119.2540, 14.6648, -37.0568**.

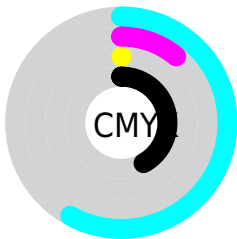
Distribution



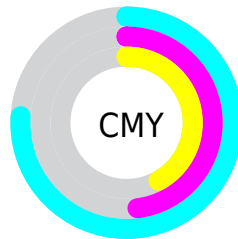
- Red (24%)
- Green (52%)
- Blue (58%)



- Red (24%)
- Yellow (40%)
- Blue (58%)



- Cyan (58%)
- Magenta (11%)
- Yellow (0%)
- Black (42%)



- Cyan (76%)
- Magenta (48%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 113.0080, 17.7441, -44.7340 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 113.0080, 17.7441, -44.7340 by changing the saturation by 10% instead.

■ 113.0080, 17.7441,
-44.7340

■ 113.0080, 17.7441,
-44.7340

■ 255.0000, 0.0000,
0.0000

■ 86.1000, 18.1917,
-48.3227

■ 166.7200, 17.8860,
-43.6044

■ 59.3060, 19.0761,
-52.0114

■ 194.7200, 17.8860,
-43.6044

■ 43.0690, 15.2490,
-37.7715

■ 222.2640, 16.1388,
-43.2045

■ 27.6470, 12.0060,
-24.2464

■ 239.1530, 7.8126,
-32.5832

■ 10.5780, 10.0680,
-9.2769

■ 247.8240, 3.5378,
-14.7546

■ 0.3420, 1.3104,
-0.2999

■ 0.0000, 0.0000,

0.0000

■ 113.0080, 17.7441,
-44.7340

■ 113.0080, 17.7441,
-44.7340

■ 106.7620, 20.8233,
-52.4113

■ 119.2540, 14.6648,
-37.0568

■ 100.5160, 23.9026,
-60.0885

■ 125.5000, 11.5855,
-29.3795

■ 94.2700, 26.9819,
-67.7658

■ 131.7460, 8.5062,
-21.7022

■ 88.0240, 30.0612,
-75.4430

■ 137.9920, 5.4269,
-14.0250

■ 87.4260, 30.3560,
-76.6726

■ 144.2380, 2.3477,
-6.3477

■ 149.5980, -0.2948,
1.2296

■ 155.8440, -3.3741,
8.9068

■ 162.0900, -6.4534,
16.5841

■ 168.3360, -9.5326,
24.2613

Harmonies

Analogous

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



112.7280, 9.0081, -42.7345



113.0080, 17.7441, -44.7340



117.5950, 20.9057, -32.0938

Triad

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



113.0080, 17.7441, -44.7340



125.7180, 4.5760, 25.6803



120.6360, -18.0615, 6.4582

Complementary

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



113.0080, 17.7441, -44.7340



97.9920, -17.7441, 44.7340

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.



122.6100, -18.5417, 20.5130



113.0080, 17.7441, -44.7340



124.9440, -4.9024, 32.4981

Square

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



113.0080, 17.7441, -44.7340



125.3830, 12.6292, 9.3111



124.3430, -13.4801, 30.3942



118.6060, -12.6238, -11.0555

Rectangle

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



113.0080, 17.7441, -44.7340



121.1560, 20.1361, -18.5538



124.3430, -13.4801, 30.3942



121.4410, -18.9514, 11.8912

Sweetspot

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



113.0080, 17.7441, -44.7340



179.4260, 7.1850, -17.9136



114.8930, -18.1882, -46.3872



88.3730, 4.2531, -10.8511



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



113.0080, 17.7441, -44.7340



137.4870, 27.8609, -69.7101



88.3540, 29.8985, -23.1125



71.3200, 1.3212, -3.7886



80.8890, 28.1557, -70.9397



5.8360, 2.0529, -5.1182

Inverse Universe

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



95.9930, 17.7515, 46.4871



111.0900, 27.5636, 72.7121



122.6460, -29.8985, 23.1125



69.7770, 1.5889, 3.7036



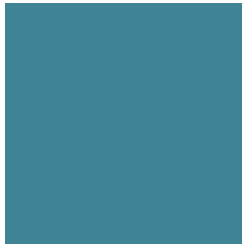
53.9160, 28.1424, 73.7417



3.9020, 2.0203, 5.3479

Previews

White Background



This preview shows how the YUV color 113.0080, 17.7441, -44.7340 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 113.0080, 17.7441, -44.7340 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 113.0080, 17.7441, -44.7340 Background



This preview shows how black text looks on a background with the YUV color 113.0080, 17.7441, -44.7340.



This preview shows how white text looks on a background with the YUV color 113.0080, 17.7441, -44.7340.

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

113.0080, 17.7441, -44.7340

Protanopia

122.4970, 9.6150, -3.9439

Deuteranopia

123.3490, 14.1249, -3.8141



Tritanopia

112.4270, 15.5655, -45.9785

Trichromacy



Original Color

113.0080, 17.7441, -44.7340

Protanomaly

119.2070, 12.7159, -18.5985

Deuteranomaly

119.3040, 15.6261, -18.6836

Tritanomaly

112.9540, 16.2917, -45.5637

Monochromacy



Original Color

113.0080, 17.7441, -44.7340

Achromatopsia

113.0000, 0.0000, 0.0000

Achromatomaly

112.9100, 6.4534, -16.5841

CSS Examples

Text

The CSS property to change the color of the text to YUV 113.0080, 17.7441, -44.7340 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(62, 132, 149)` looks like.

```
.text, #text, p{  
    color:rgb(62, 132, 149)  
}
```

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(62, 132, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 132, 149) }
```

Border

The CSS property to change the border of an element to YUV 113.0080, 17.7441, -44.7340 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(62, 132, 149) }
```


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

```
.border{ border-color:rgb(62, 132, 149) }
```

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

Here you see how a box with a 4 pixel rgb(62, 132, 149) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 132, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 132, 149);  
box-shadow:4px 4px 4px 4px rgb(62, 132,  
149) }
```

Background

The CSS property to change the background color of an element to YUV 113.0080, 17.7441, -44.7340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 132, 149) }
```

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

```
.background{ background-color: rgb(62, 132,  
149) }
```

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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