

Converting Colors

YUV(117.7420, 14.4242,
-53.2707)

Have a look what the booklet for
YUV(117.7420, 14.4242, -53.2707)
contains.

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Color

**YUV(117.7420, 14.4242,
-53.2707)**

Conversions

Conversions Part 1

Format	Color
Hex	398F93
RGB	57, 143, 147
RGB Percent	22%, 56%, 58%
CMY	0.7765, 0.4392, 0.4235
CMYK	0.61, 0.03, 0.00, 0.42
HSL	183°, 44%, 40%
HSV	183°, 61%, 58%
XYZ	16.7763, 22.6214, 31.0859
YIQ	117.7420, -52.5400, -16.9880

Conversions

Conversions Part 2

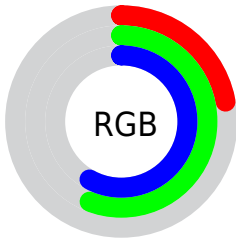
Format	Color
RYB	57, 101, 147
Decimal	3772307
CIELab	54.68, -24.18, -9.83
CIELCh	55, 26.106, 202.122
Yxy	22.6214, 0.2380, 0.3209
Android (android.graphics.Color)	4281962387 (0xFF398F93)
YUV	117.7420, 14.4242, -53.2707
Hunter-Lab	47.5619, -20.2720, -5.4579

Details

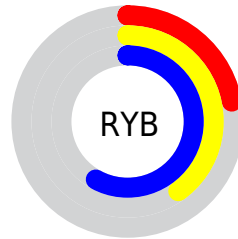
The YUV color **117.7420, 14.4242, -53.2707** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **86.2580, -14.4242, 53.2707**, and the grayscale version is **118.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **172.6390, 13.9820, -51.4264**, and **64.9480, 15.3086, -56.9594** is the 20% darker color. If you saturate the color by 10%, you get **112.6700, 16.9247, -61.9776**, and if you desaturate by 10%, it is **122.8140, 11.9237, -44.5639**.

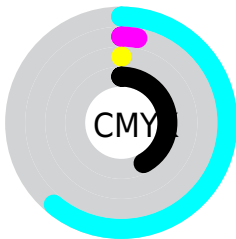
Distribution



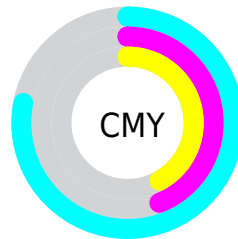
- Red (22%)
- Green (56%)
- Blue (58%)



- Red (22%)
- Yellow (40%)
- Blue (58%)



- Cyan (61%)
- Magenta (3%)
- Yellow (0%)
- Black (42%)



- Cyan (78%)
- Magenta (44%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 117.7420, 14.4242, -53.2707 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 117.7420, 14.4242, -53.2707 by changing the saturation by 10% instead.

■ 117.7420, 14.4242,
-53.2707

■ 117.7420, 14.4242,
-53.2707

■ 255.0000, 0.0000,
0.0000

■ 89.0510, 15.7509,
-58.8037

■ 172.6390, 13.9820,
-51.4264

■ 64.9480, 15.3086,
-56.9594

■ 200.6390, 13.9820,
-51.4264

■ 48.2380, 12.2077,
-42.3047

■ 229.2970, 12.6716,
-51.1265

■ 32.7020, 8.5279,
-28.6797

■ 238.2560, 8.2548,
-34.4275

■ 18.5680, 5.1430,
-16.2841

■ 247.2260, 3.8326,
-15.9842

■ 0.2280, 0.8736,
-0.2000

■ 0.0000, 0.0000,

0.0000

■ 117.7420, 14.4242,
-53.2707

■ 117.7420, 14.4242,
-53.2707

■ 112.6700, 16.9247,
-61.9776

■ 122.8140, 11.9237,
-44.5639

■ 108.4840, 18.9884,
-70.5845

■ 127.0000, 9.8600,
-35.9570

■ 103.4120, 21.4889,
-79.2913

■ 132.0720, 7.3595,
-27.2501

■ 98.9380, 23.6946,
-86.7686

■ 137.1440, 4.8590,
-18.5433

■ 141.6290, 2.6479,
-9.3216

■ 146.4020, 0.2948,
-1.2296

■ 151.4740, -2.2057,
7.4773

■ 155.9590, -4.4168,
16.6990

■ 160.7320, -6.7699,
24.7910

Harmonies

Analogous

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



121.1000, 1.4297, -38.6757



117.7420, 14.4242, -53.2707



119.6420, 22.8545, -50.5520

Triad

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



117.7420, 14.4242, -53.2707



134.0250, 12.3127, 17.5181



129.8010, -21.5939, 19.4685

Complementary

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



117.7420, 14.4242, -53.2707



86.2580, -14.4242, 53.2707

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.



131.9150, -17.7061, 32.5235



117.7420, 14.4242, -53.2707



133.7790, 2.0810, 32.6428

Square

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



117.7420, 14.4242, -53.2707



131.8310, 19.8033, -5.1138



133.2390, -8.9918, 37.5014



127.9620, -19.2083, 0.9103

Rectangle

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



117.7420, 14.4242, -53.2707



124.0610, 24.1269, -38.6415



133.2390, -8.9918, 37.5014



130.6490, -21.0260, 23.9868

Sweetspot

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



117.7420, 14.4242, -53.2707



180.2470, 5.3012, -20.3876



110.1720, -24.7348, -46.6318



90.1340, 3.3849, -12.3955



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.



117.7420, 14.4242, -53.2707



145.9170, 22.2259, -82.3652



91.9140, 27.1574, -30.6196



71.9070, 1.0318, -4.3034



93.2160, 22.0785, -81.7504



7.0100, 1.4741, -6.1478

Inverse Universe

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



93.7140, 24.2980, 46.7318



108.7230, 37.6046, 72.1569



112.0860, -27.1574, 30.6196



69.8910, 2.0257, 3.6036



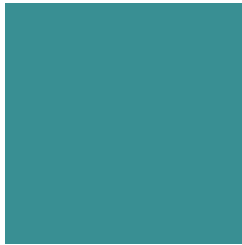
56.3100, 37.3152, 71.6421



4.1300, 2.8939, 5.1480

Previews

White Background



This preview shows how the YUV color 117.7420, 14.4242, -53.2707 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 117.7420, 14.4242, -53.2707 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

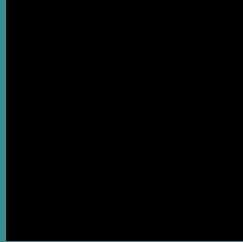
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 117.7420, 14.4242, -53.2707

Background



This preview shows how black text looks on a background with the YUV color 117.7420, 14.4242, -53.2707.

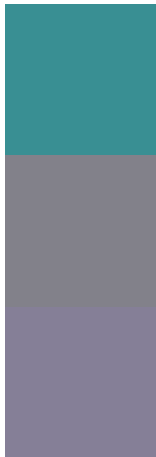


This preview shows how white text looks on a background with the YUV color 117.7420, 14.4242, -53.2707.

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

117.7420, 14.4242, -53.2707

Protanopia

130.3250, 3.7838, -0.2850

Deuteranopia

131.5300, 9.5987, 1.2892



Tritanopia

118.7360, 16.8922, -51.5115

Trichromacy



Original Color

117.7420, 14.4242, -53.2707

Protanomaly

125.5290, 7.6272, -19.7579

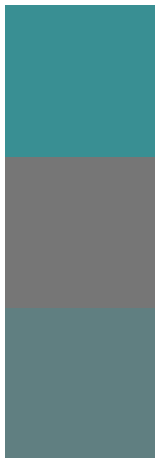
Deuteranomaly

126.5660, 11.5530, -18.9134

Tritanomaly

118.2090, 16.1660, -51.9263

Monochromacy



Original Color

117.7420, 14.4242, -53.2707

Achromatopsia

118.0000, 0.0000, 0.0000

Achromatomaly

117.9590, 5.4432, -19.2580

CSS Examples

Text

The CSS property to change the color of the text to YUV 117.7420, 14.4242, -53.2707 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(57, 143, 147)` looks like.

```
.text, #text, p{  
    color:rgb(57, 143, 147)  
}
```

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(57, 143, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 143, 147) }
```

Border

The CSS property to change the border of an element to YUV 117.7420, 14.4242, -53.2707 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(57, 143, 147) }
```


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

```
.border{ border-color:rgb(57, 143, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 143, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 143, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 143, 147);  
box-shadow:4px 4px 4px 4px rgb(57, 143,  
147) }
```

Background

The CSS property to change the background color of an element to YUV 117.7420, 14.4242, -53.2707 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 143, 147) }
```

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

```
.background{ background-color: rgb(57, 143,  
147) }
```

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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