

Converting Colors

YUV(144.2390, 7.2772,
-47.5676)

Have a look what the booklet for
YUV(144.2390, 7.2772, -47.5676)
contains.

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Color

**YUV(144.2390, 7.2772,
-47.5676)**

Conversions

Conversions Part 1

Format	Color
Hex	5AA99F
RGB	90, 169, 159
RGB Percent	35%, 66%, 62%
CMY	0.6471, 0.3373, 0.3765
CMYK	0.47, 0.00, 0.06, 0.34
HSL	172°, 31%, 51%
HSV	172°, 47%, 66%
XYZ	24.6624, 33.0528, 37.8809
YIQ	144.2390, -43.8740, -19.8580

Conversions

Conversions Part 2

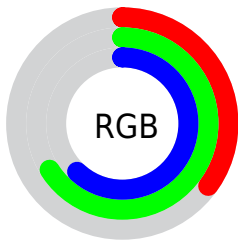
Format	Color
RYB	90, 132, 169
Decimal	5941663
CIELab	64.20, -26.79, -2.38
CIElCh	64, 26.900, 185.080
Yxy	33.0528, 0.2580, 0.3458
Android (android.graphics.Color)	4284131743 (0xFF5AA99F)
YUV	144.2390, 7.2772, -47.5676
Hunter-Lab	57.4916, -24.0383, 1.1782

Details

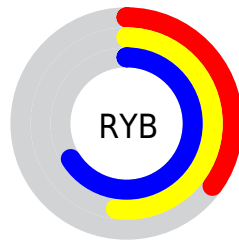
The YUV color **144.2390, 7.2772, -47.5676** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **114.7610, -7.2772, 47.5676**, and the grayscale version is **144.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **199.8260, 6.9878, -48.0824**, and **89.9720, 8.8878, -50.8414** is the 20% darker color. If you saturate the color by 10%, you get **138.9280, 8.9095, -57.8189**, and if you desaturate by 10%, it is **149.5500, 5.6448, -37.3164**.

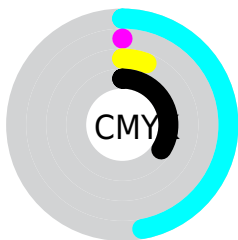
Distribution



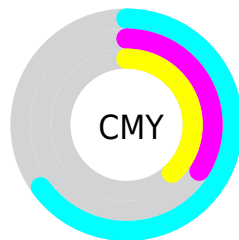
- Red (35%)
- Green (66%)
- Blue (62%)



- Red (35%)
- Yellow (52%)
- Blue (66%)



- Cyan (47%)
- Magenta (0%)
- Yellow (6%)
- Black (34%)





- Cyan (65%)
- Magenta (34%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 144.2390, 7.2772, -47.5676 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 144.2390, 7.2772, -47.5676 by changing the saturation by 10% instead.

 144.2390, 7.2772,
-47.5676

 144.2390, 7.2772,
-47.5676


255.0000, 0.0000,
0.0000

 117.0540, 7.8614,
-48.2824

 199.8260, 6.9878,
-48.0824

 89.9720, 8.8878,
-50.8414


 227.8260, 6.9878,
-48.0824

 63.4660, 9.6303,
-55.6597

 238.8540, 7.9600,
-33.1980

 46.7560, 6.5293,
-41.0050

 247.5250, 3.6852,
-15.3694

 30.8610, 4.0125,
-27.0651

 16.1400, 0.9170,
-14.1548

 0.0000, 0.0000,

0.0000

■ 144.2390, 7.2772,
-47.5676

■ 144.2390, 7.2772,
-47.5676

■ 138.9280, 8.9095,
-57.8189

■ 149.5500, 5.6448,
-37.3164

■ 133.6170, 10.5418,
-68.0701

■ 154.8610, 4.0125,
-27.0651

■ 128.3060, 12.1741,
-78.3214

■ 160.1720, 2.3802,
-16.8138

■ 122.8810, 13.3697,
-88.4726

■ 165.5970, 1.1847,
-6.6626

■ 117.5700, 15.0020,
-98.7239

■ 170.6090, -0.3002,
2.9739

■ 116.0750, 15.7390,
-101.7978

■ 175.9200, -1.9326,
13.2252

■ 181.2310, -3.5649,
23.4764

■ 186.5420, -5.1972,
33.7277

■ 191.8530, -6.8295,
43.9789

Harmonies

Analogous

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



147.8040, -6.3124, -28.7691



144.2390, 7.2772, -47.5676



143.2840, 19.0870, -55.5001

Triad

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



144.2390, 7.2772, -47.5676



158.1420, 18.1710, 5.1375



155.9810, -21.1896, 29.8347

Complementary

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



144.2390, 7.2772, -47.5676



114.7610, -7.2772, 47.5676

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.



157.2840, -13.9440, 39.2159



144.2390, 7.2772, -47.5676



159.6410, 8.0650, 26.6248

Square

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



144.2390, 7.2772, -47.5676



153.8830, 24.2147, -20.0684



159.0310, -3.4663, 38.5608



153.8280, -22.5932, 13.3058

Rectangle

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



144.2390, 7.2772, -47.5676



145.5820, 23.8701, -49.6224



159.0310, -3.4663, 38.5608



156.7580, -19.6007, 33.5382

Sweetspot

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



144.2390, 7.2772, -47.5676



209.5740, 2.6750, -18.0434



139.6620, -24.4834, -33.9066



103.9770, 1.4903, -11.3808



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



144.2390, 7.2772, -47.5676



180.5130, 11.5791, -74.1179



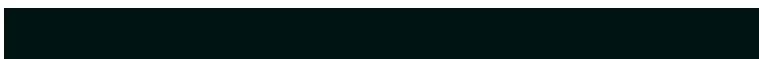
128.3560, 20.0375, -33.6382



81.4940, 0.7425, -4.8182



101.5820, 13.5171, -89.0874



13.7920, 2.0745, -12.0956

Inverse Universe

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



114.7610, -7.2772, 47.5676



134.6010, -11.1423, 74.0179



130.6440, -20.0375, 33.6382



78.5060, -0.7425, 4.8182



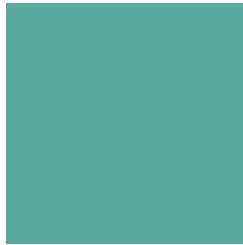
46.4180, -13.5171, 89.0874



6.3220, -1.6377, 11.9956

Previews

White Background



This preview shows how the YUV color 144.2390, 7.2772, -47.5676 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 144.2390, 7.2772, -47.5676 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

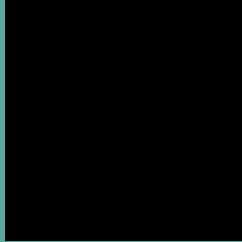
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 144.2390, 7.2772, -47.5676

Background



This preview shows how black text looks on a background with the YUV color 144.2390, 7.2772, -47.5676.

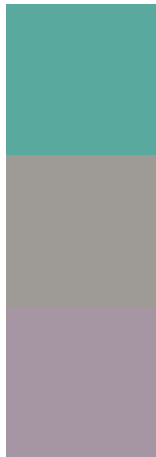


This preview shows how white text looks on a background with the YUV color 144.2390, 7.2772, -47.5676.

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

144.2390, 7.2772, -47.5676

Protanopia

154.7400, -2.3368, 2.8590

Deuteranopia

156.2660, 3.3199, 8.5367



Tritanopia

146.5520, 15.9969, -44.3341

Trichromacy



Original Color

144.2390, 7.2772, -47.5676

Protanomaly

150.5420, 1.2118, -15.3843

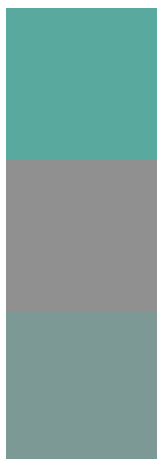
Deuteranomaly

151.8890, 4.9847, -12.1807

Tritanomaly

145.7430, 12.9447, -45.3786

Monochromacy



Original Color

144.2390, 7.2772, -47.5676

Achromatopsia

144.0000, 0.0000, 0.0000

Achromatomaly

143.8730, 2.5276, -17.4286

CSS Examples

Text

The CSS property to change the color of the text to YUV 144.2390, 7.2772, -47.5676 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(90, 169, 159)` looks like.

```
.text, #text, p{  
    color:rgb(90, 169, 159)  
}
```

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(90, 169, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 169, 159) }
```

Border

The CSS property to change the border of an element to YUV 144.2390, 7.2772, -47.5676 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(90, 169, 159) }
```


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

```
.border{ border-color:rgb(90, 169, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 169, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 169, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 169, 159);  
box-shadow:4px 4px 4px 4px rgb(90, 169,  
159) }
```

Background

The CSS property to change the background color of an element to YUV 144.2390, 7.2772, -47.5676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 169, 159) }
```

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

```
.background{ background-color: rgb(90, 169,  
159) }
```

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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