

Converting Colors

YUV(147.0560, 1.4514,
-45.6531)

Have a look what the booklet for
YUV(147.0560, 1.4514, -45.6531)
contains.

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Color

**YUV(147.0560, 1.4514,
-45.6531)**

Conversions

Conversions Part 1

Format	Color
Hex	5FAD96
RGB	95, 173, 150
RGB Percent	37%, 68%, 59%
CMY	0.6275, 0.3216, 0.4118
CMYK	0.45, 0.00, 0.13, 0.32
HSL	162°, 32%, 53%
HSV	162°, 45%, 68%
XYZ	25.1679, 34.5220, 34.1911
YIQ	147.0560, -39.1050, -23.6890

Conversions

Conversions Part 2

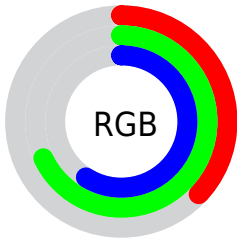
Format	Color
RYB	95, 141, 173
Decimal	6270358
CIELab	65.37, -29.68, 4.36
CIELCh	65, 29.998, 171.640
Yxy	34.5220, 0.2681, 0.3677
Android (android.graphics.Color)	4284460438 (0xFF5FAD96)
YUV	147.0560, 1.4514, -45.6531
Hunter-Lab	58.7555, -26.3616, 6.6267

Details

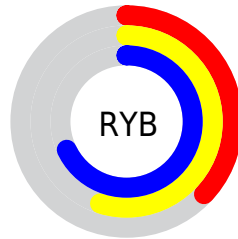
The YUV color **147.0560, 1.4514, -45.6531** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **120.9440, -1.4514, 45.6531**, and the grayscale version is **147.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **202.5290, 0.7252, -46.0679**, and **93.3870, 2.7672, -47.6974** is the 20% darker color. If you saturate the color by 10%, you get **141.4030, 1.7733, -55.6044**, and if you desaturate by 10%, it is **152.7090, 1.1295, -35.7018**.

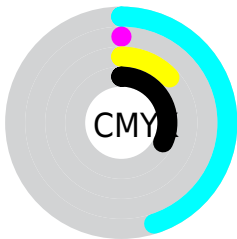
Distribution



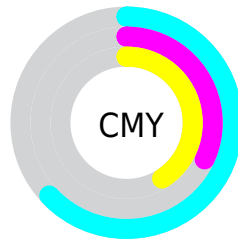
- Red (37%)
- Green (68%)
- Blue (59%)



- Red (37%)
- Yellow (55%)
- Blue (68%)



- Cyan (45%)
- Magenta (0%)
- Yellow (13%)
- Black (32%)



- Cyan (63%)
- Magenta (32%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YUV color 147.0560, 1.4514, -45.6531 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 147.0560, 1.4514, -45.6531 by changing the saturation by 10% instead.

■ 147.0560, 1.4514,
-45.6531

■ 147.0560, 1.4514,
-45.6531

■ 255.0000, 0.0000,
0.0000

■ 120.1700, 1.8882,
-45.7531

■ 202.5290, 0.7252,
-46.0679

■ 93.3870, 2.7672,
-47.6974

■ 229.0560, 1.4514,
-45.6531

■ 64.3150, 5.2677,
-56.4043

■ 240.3490, 7.2229,
-30.1241

■ 47.7190, 2.6035,
-41.8496

■ 249.0200, 2.9481,
-12.2955

■ 31.8240, 0.0868,
-27.9096

■ 17.3480, -4.6086,
-15.2142

■ 0.0000, 0.0000,

0.0000

■ 147.0560, 1.4514,
-45.6531

■ 147.0560, 1.4514,
-45.6531

■ 141.4030, 1.7733,
-55.6044

■ 152.7090, 1.1295,
-35.7018

■ 135.4510, 2.2427,
-66.1705

■ 158.6610, 0.6601,
-25.1357

■ 129.7980, 2.5646,
-76.1218

■ 164.3140, 0.3382,
-15.1844

■ 124.1450, 2.8865,
-86.0732

■ 169.9670, 0.0163,
-5.2331

■ 118.0790, 2.9191,
-96.5393

■ 175.7340, 0.1311,
4.6183

■ 115.4590, 3.2247,
-101.2575

■ 181.6860, -0.3382,
15.1844

■ 187.3390, -0.6601,
25.1357

■ 192.9920, -0.9821,
35.0870

■ 198.9440, -1.4514,
45.6531

Harmonies

Analogous

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



152.0130, -13.3174, -21.9364



147.0560, 1.4514, -45.6531



143.0720, 17.2195, -63.2071

Triad

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



147.0560, 1.4514, -45.6531



160.1450, 23.5925, -7.1432



159.5630, -20.4906, 38.9712

Complementary

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



147.0560, 1.4514, -45.6531



120.9440, -1.4514, 45.6531

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.



160.9410, -10.3239, 44.7787



147.0560, 1.4514, -45.6531



162.6170, 14.4858, 20.5069

Square

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



147.0560, 1.4514, -45.6531



153.5110, 28.3421, -37.2821



162.5240, 2.2067, 39.0055



157.4980, -25.3885, 23.2423

Rectangle

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



147.0560, 1.4514, -45.6531



144.3090, 24.4977, -64.2920



162.5240, 2.2067, 39.0055



160.2690, -17.8806, 41.8601

Sweetspot

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



147.0560, 1.4514, -45.6531



213.7050, 0.6384, -18.1583



147.6630, -25.9629, -26.0145



105.7490, 0.6167, -11.1809



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



147.0560, 1.4514, -45.6531



183.8310, 2.5483, -70.8888



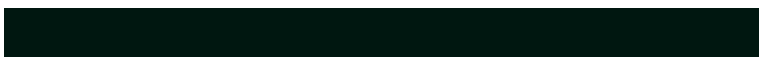
140.2860, 16.1280, -39.7158



83.9670, 0.0163, -5.2331



100.1340, 2.8919, -87.8175



15.3250, 0.3328, -13.4400

Inverse Universe

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



120.9440, -1.4514, 45.6531



143.2830, -2.1115, 70.7888



127.7140, -16.1280, 39.7158



81.0330, -0.0163, 5.2331



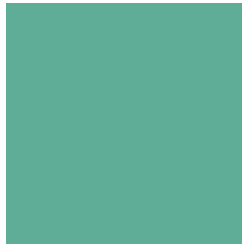
49.8660, -2.8919, 87.8175



7.6750, -0.3328, 13.4400

Previews

White Background



This preview shows how the YUV color 147.0560, 1.4514, -45.6531 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 147.0560, 1.4514, -45.6531 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

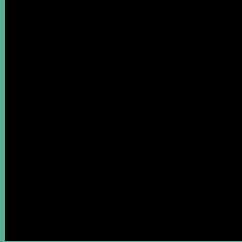
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 147.0560, 1.4514, -45.6531

Background



This preview shows how black text looks on a background with the YUV color 147.0560, 1.4514, -45.6531.



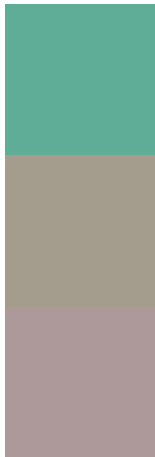
This preview shows how white text looks on a background with the YUV color 147.0560, 1.4514,

-45.6531.

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

147.0560, 1.4514, -45.6531

Protanopia

157.3830, -7.5838, 5.8031

Deuteranopia

159.3930, -2.6587, 12.8103



Tritanopia

150.4600, 15.5492, -40.7454

Trichromacy



Original Color

147.0560, 1.4514, -45.6531

Protanomaly

153.7720, -4.3246, -12.9550

Deuteranomaly

154.7170, -0.8465, -8.5218

Tritanomaly

149.3690, 10.1711, -42.4196

Monochromacy



Original Color

147.0560, 1.4514, -45.6531

Achromatopsia

147.0000, 0.0000, 0.0000

Achromatomaly

146.7160, 0.6330, -16.4139

CSS Examples

Text

The CSS property to change the color of the text to YUV 147.0560, 1.4514, -45.6531 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(95, 173, 150)` looks like.

```
.text, #text, p{  
    color:rgb(95, 173, 150)  
}
```

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(95, 173, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 173, 150) }
```

Border

The CSS property to change the border of an element to YUV 147.0560, 1.4514, -45.6531 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(95, 173, 150) }
```


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

```
.border{ border-color:rgb(95, 173, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 173, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 173, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 173, 150);  
box-shadow:4px 4px 4px 4px rgb(95, 173,  
150) }
```

Background

The CSS property to change the background color of an element to YUV 147.0560, 1.4514, -45.6531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 173, 150) }
```

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

```
.background{ background-color: rgb(95, 173,  
150) }
```

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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