

Converting Colors

YUV(114.5370, -8.1527,
-45.1979)

Have a look what the booklet for
YUV(114.5370, -8.1527, -45.1979)
contains.

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Color

**YUV(114.5370, -8.1527,
-45.1979)**

Conversions

Conversions Part 1

Format	Color
Hex	3F9062
RGB	63, 144, 98
RGB Percent	25%, 56%, 38%
CMY	0.7529, 0.4353, 0.6157
CMYK	0.56, 0.00, 0.32, 0.44
HSL	146°, 39%, 41%
HSV	146°, 56%, 56%
XYZ	14.2278, 21.8851, 15.0296
YIQ	114.5370, -33.5100, -31.4780

Conversions

Conversions Part 2

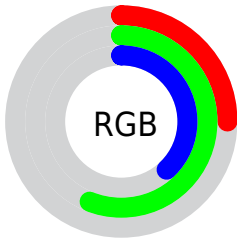
Format	Color
R_{YB}	63, 120, 144
Decimal	4165730
CIE _{Lab}	53.90, -35.83, 17.16
CIE _{LCh}	54, 39.730, 154.405
Yxy	21.8851, 0.2782, 0.4279
Android (android.graphics.Color)	4282355810 (0xFF3F9062)
YUV	114.5370, -8.1527, -45.1979
Hunter-Lab	46.7815, -27.5801, 13.6988

Details

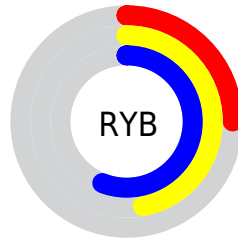
The YUV color **114.5370, -8.1527, -45.1979** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **92.4630, 8.1527, 45.1979**, and the grayscale version is **115.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.1950, -9.4631, -44.8980**, and **60.4050, -4.6367, -52.9752** is the 20% darker color. If you saturate the color by 10%, you get **109.4390, -9.5834, -53.0050**, and if you desaturate by 10%, it is **119.6350, -6.7221, -37.3909**.

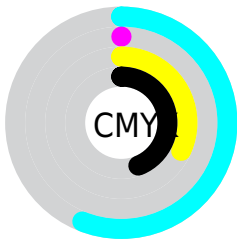
Distribution



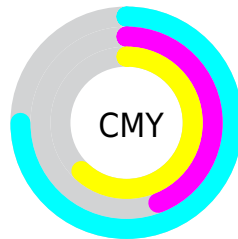
- Red (25%)
- Green (56%)
- Blue (38%)



- Red (25%)
- Yellow (47%)
- Blue (56%)



- Cyan (56%)
- Magenta (0%)
- Yellow (32%)
- Black (44%)



- Cyan (75%)
- Magenta (44%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 114.5370, -8.1527, -45.1979 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 114.5370, -8.1527, -45.1979 by changing the saturation by 10% instead.

■ 114.5370, -8.1527,
-45.1979

■ 114.5370, -8.1527,
-45.1979

■ 255.0000, 0.0000,
0.0000

■ 87.8680, -6.8369,
-47.2422

■ 168.1950, -9.4631,
-44.8980

■ 60.4050, -4.6367,
-52.9752

■ 196.6680,
-10.1893, -45.3128

■ 43.2220, -7.0114,
-37.9057

■ 224.2550,
-10.4787, -45.8276

■ 27.0990, -10.4018,
-23.7658

■ 236.1180, -2.5232,
-30.7985

■ 12.9140, -6.3666,
-11.3256

■ 247.5250, 3.6852,
-15.3694

■ 0.0000, 0.0000,
0.0000

■ 114.5370, -8.1527,
-45.1979

■ 114.5370, -8.1527,
-45.1979

■ 109.4390, -9.5834,
-53.0050

■ 119.6350, -6.7221,
-37.3909

■ 104.0420,
-10.8667, -61.4268

■ 125.0320, -5.4388,
-28.9691

■ 98.8300, -12.7342,
-69.1339

■ 130.2440, -3.5713,
-21.2620

■ 93.4330, -14.0175,
-77.5557

■ 135.6410, -2.2880,
-12.8402

■ 91.5960, -14.5908,
-80.3297

■ 140.7390, -0.8573,
-5.0331

■ 145.8370, 0.5734,
2.7740

■ 151.2340, 1.8566,
11.1958

■ 156.3320, 3.2873,

19.0028

■ 161.8430, 5.0074,
27.3247

Harmonies

Analogous

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



121.5770, -25.4275, -11.0300



114.5370, -8.1527, -45.1979



100.8640, 15.8430, -88.4577

Triad

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



114.5370, -8.1527, -45.1979



123.2750, 36.3464, -37.9522



129.2320, -18.3554, 54.1705

Complementary

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



114.5370, -8.1527, -45.1979



92.4630, 8.1527, 45.1979

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.



130.3580, -2.6415, 54.0600



114.5370, -8.1527, -45.1979



131.6180, 26.3173, 5.5970

Square

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



114.5370, -8.1527, -45.1979



103.8400, 42.4769, -91.0677



132.6730, 12.9792, 37.1208



127.4570, -29.8053, 39.9412

Rectangle

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



114.5370, -8.1527, -45.1979



103.4860, 25.8894, -90.7572



132.6730, 12.9792, 37.1208



129.2090, -13.4140, 55.9447

Sweetspot

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



114.5370, -8.1527, -45.1979



174.6790, -3.2927, -17.2585



124.6000, -30.3688, -12.8042



87.1790, -1.5672, -10.6810



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



114.5370, -8.1527, -45.1979



140.1180, -12.8762, -70.2635



118.9830, 8.8824, -49.0971



68.4510, -0.7153, -3.9035



85.8570, -13.7335, -75.2966



5.0380, -1.0047, -4.4183

Inverse Universe

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



92.4630, 8.1527, 45.1979



105.7680, 12.4394, 70.3635



88.0170, -8.8824, 49.0971



66.5490, 0.7153, 3.9035



49.1430, 13.7335, 75.2966



2.8480, 0.5679, 4.5183

Previews

White Background



This preview shows how the YUV color 114.5370, -8.1527, -45.1979 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 114.5370, -8.1527, -45.1979 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 114.5370, -8.1527, -45.1979

Background



This preview shows how black text looks on a background with the YUV color 114.5370, -8.1527, -45.1979.



This preview shows how white text looks on a background with the YUV color 114.5370, -8.1527, -45.1979.

-45.1979.

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

114.5370, -8.1527, -45.1979

Protanopia

126.7720, -17.6356, 9.8470

Deuteranopia

128.4940, -12.5685, 17.9838



Tritanopia

121.3140, 13.6492, -37.9864

Trichromacy



Original Color

114.5370, -8.1527, -45.1979

Protanomaly

122.5630, -14.0816, -10.1408

Deuteranomaly

123.6930, -11.1876, -4.9928

Tritanomaly

118.8270, 5.5083, -40.1903

Monochromacy



Original Color

114.5370, -8.1527, -45.1979

Achromatopsia

115.0000, 0.0000, 0.0000

Achromatomaly

115.0920, -3.0034, -16.7437

CSS Examples

Text

The CSS property to change the color of the text to YUV 114.5370, -8.1527, -45.1979 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, 144, 98)` looks like.

```
.text, #text, p{  
    color:rgb(63, 144, 98)  
}
```

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, 144, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 144, 98) }
```

Border

The CSS property to change the border of an element to YUV 114.5370, -8.1527, -45.1979 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, 144, 98) }
```


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

```
.border{ border-color:rgb(63, 144, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 144, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 144, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 144, 98);  
box-shadow:4px 4px 4px 4px rgb(63, 144,  
98) }
```

Background

The CSS property to change the background color of an element to YUV 114.5370, -8.1527, -45.1979 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 144, 98) }
```

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

```
.background{ background-color: rgb(63, 144,  
98) }
```

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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