

Converting Colors

YUV(114.6570, -23.4949,
-24.2552)

Have a look what the booklet for
YUV(114.6570, -23.4949, -24.2552)
contains.

YUV(114.6570, -23.4949, -24.2552)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(114.6570, -23.4949,
-24.2552)**

Conversions

Conversions Part 1

Format	Color
Hex	578A43
RGB	87, 138, 67
RGB Percent	34%, 54%, 26%
CMY	0.6588, 0.4588, 0.7373
CMYK	0.37, 0.00, 0.51, 0.46
HSL	103°, 35%, 40%
HSV	103°, 51%, 54%
XYZ	14.0321, 20.6084, 8.5484
YIQ	114.6570, -7.6050, -32.8930

Conversions

Conversions Part 2

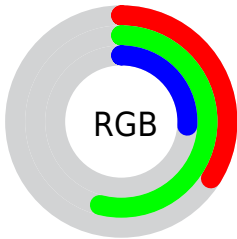
Format	Color
RYB	67, 138, 118
Decimal	5737027
CIELab	52.52, -31.08, 32.50
CIELCh	53, 44.964, 133.722
Yxy	20.6084, 0.3249, 0.4772
Android (android.graphics.Color)	4283927107 (0xFF578A43)
YUV	114.6570, -23.4949, -24.2552
Hunter-Lab	45.3965, -24.2695, 20.6129

Details

The YUV color **114.6570, -23.4949, -24.2552** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **90.3430, 23.4949, 24.2552**, and the grayscale version is **115.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.6030, -24.9473, -25.0848**, and **63.9990, -22.1845, -24.5551** is the 20% darker color. If you saturate the color by 10%, you get **110.0710, -28.1360, -29.0033**, and if you desaturate by 10%, it is **119.2430, -18.8538, -19.5071**.

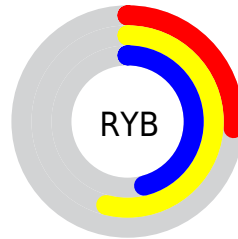
Distribution



Red (34%)

Green (54%)

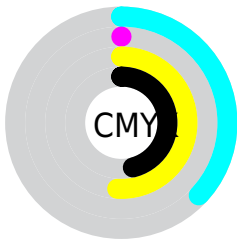
Blue (26%)



Red (26%)

Yellow (54%)

Blue (46%)

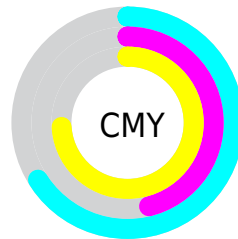


Cyan (37%)

Magenta (0%)

Yellow (51%)

Black (46%)



Cyan (66%)

Magenta (46%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YUV color 114.6570, -23.4949, -24.2552 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 114.6570, -23.4949, -24.2552 by changing the saturation by 10% instead.

■ 114.6570,
-23.4949, -24.2552

■ 114.6570,
-23.4949, -24.2552

255.0000, 0.0000,
0.0000

■ 89.1840, -22.7687,
-23.8404

■ 167.6030,
-24.9473, -25.0848

■ 63.9990, -22.1845,
-24.5551

■ 195.3750,
-25.8209, -24.8849

■ 39.6610, -19.5529,
-28.6437

■ 223.5490,
-26.3997, -25.9145

■ 24.0670, -11.8650,
-21.1068

■ 238.8200,
-20.6173, -13.8741

■ 9.3920, -4.6303,
-8.2368

■ 250.6830,
-12.6617, 1.1550

■ 0.0000, 0.0000,
0.0000

254.8860, -0.4368,

0.1000

■ 114.6570,
-23.4949, -24.2552

■ 114.6570,
-23.4949, -24.2552

■ 110.0710,
-28.1360, -29.0033

■ 119.2430,
-18.8538, -19.5071

■ 105.4850,
-32.7771, -33.7513

■ 123.8290,
-14.2127, -14.7590

■ 101.0130,
-36.9814, -38.5994

■ 128.3010,
-10.0084, -9.9110

■ 96.4270, -41.6225,
-43.3475

■ 132.8870, -5.3673,
-5.1629

■ 92.6670, -45.6848,
-47.0660

■ 137.4730, -0.7262,
-0.4148

■ 141.7600, 4.0623,
3.7185

■ 146.3460, 8.7034,
8.4666

■ 150.8180, 12.9077,
13.3146

■ 155.4040, 17.5488,
18.0627

Harmonies

Analogous

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



119.8370, -36.4016, 8.9130



114.6570, -23.4949, -24.2552



95.5690, 3.1705, -83.8140

Triad

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



114.6570, -23.4949, -24.2552



101.9310, 47.8550, -89.3935



125.3330, -8.0522, 62.8520

Complementary

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



114.6570, -23.4949, -24.2552



90.3430, 23.4949, 24.2552

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.



127.9520, 9.8837, 50.0311



114.6570, -23.4949, -24.2552



121.9110, 38.4979, -27.9859

Square

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



114.6570, -23.4949, -24.2552



103.6460, 36.6565, -90.8975



129.1790, 25.5478, 19.1370



124.2340, -24.7654, 56.7998

Rectangle

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



114.6570, -23.4949, -24.2552



99.2340, 14.6746, -87.0282



129.1790, 25.5478, 19.1370



125.9290, -1.9370, 61.4523

Sweetspot

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



114.6570, -23.4949, -24.2552



169.9420, -8.8454, -9.5961



118.1660, -25.2248, 17.3944



83.8870, -5.3673, -5.1629



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



114.6570, -23.4949, -24.2552



142.4260, -36.6920, -38.0846



110.3870, -13.9948, -38.0504



66.7070, -2.3206, -2.3740



89.1340, -43.9431, -45.7215



3.2340, -1.5944, -1.9592

Inverse Universe

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



90.3430, 23.4949, 24.2552



104.2750, 36.8394, 37.4698



94.6130, 13.9948, 38.0504



64.2930, 2.3206, 2.3740



43.5670, 44.0905, 45.1067



1.7660, 1.5944, 1.9592

Previews

White Background



This preview shows how the YUV color 114.6570, -23.4949, -24.2552 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 114.6570, -23.4949, -24.2552 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 114.6570, -23.4949, -24.2552 Background



This preview shows how black text looks on a background with the YUV color 114.6570, -23.4949, -24.2552.



This preview shows how white text looks on a background with the YUV color 114.6570, -23.4949, -24.2552.

-24.2552.

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

114.6570, -23.4949, -24.2552

Protanopia

121.8190, -28.9978, 14.1907

Deuteranopia

123.5090, -25.3939, 24.9866



Tritanopia

121.8710, 8.9376, -20.0579

Trichromacy



Original Color

114.6570, -23.4949, -24.2552

Protanomaly

119.1870, -27.2072, -0.1640

Deuteranomaly

120.2140, -24.7555, 6.8283

Tritanomaly

119.3580, -3.1345, -21.3620

Monochromacy



Original Color

114.6570, -23.4949, -24.2552

Achromatopsia

115.0000, 0.0000, 0.0000

Achromatomaly

114.7680, -8.2666, -8.5665

CSS Examples

Text

The CSS property to change the color of the text to YUV 114.6570, -23.4949, -24.2552 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(87, 138, 67)` looks like.

```
.text, #text, p{  
    color:rgb(87, 138, 67)  
}
```

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(87, 138, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 138, 67) }
```

Border

The CSS property to change the border of an element to YUV 114.6570, -23.4949, -24.2552 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(87, 138, 67) }
```


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

```
.border{ border-color:rgb(87, 138, 67) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 138, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 138, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 138, 67);  
box-shadow:4px 4px 4px 4px rgb(87, 138,  
67) }
```

Background

The CSS property to change the background color of an element to YUV 114.6570, -23.4949, -24.2552 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 138, 67) }
```

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

```
.background{ background-color: rgb(87, 138,  
67) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor