

Converting Colors

YUV(144.6150, -26.4322,
-15.4484)

Have a look what the booklet for
YUV(144.6150, -26.4322, -15.4484)
contains.

YUV(144.6150, -26.4322, -15.4484)	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(144.6150, -26.4322,
-15.4484)**

Conversions

Conversions Part 1

Format	Color
Hex	7FA45B
RGB	127, 164, 91
RGB Percent	50%, 64%, 36%
CMY	0.5020, 0.3569, 0.6431
CMYK	0.23, 0.00, 0.45, 0.36
HSL	90°, 29%, 50%
HSV	90°, 45%, 64%
XYZ	23.9162, 31.8183, 14.7786
YIQ	144.6150, 1.3810, -30.5470

Conversions

Conversions Part 2

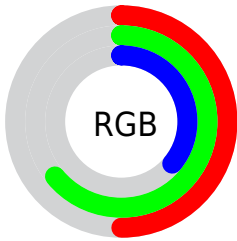
Format	Color
RYB	91, 164, 128
Decimal	8365147
CIELab	63.19, -25.69, 33.76
CIElCh	63, 42.417, 127.268
Yxy	31.8183, 0.3392, 0.4512
Android (android.graphics.Color)	4286555227 (0xFF7FA45B)
YUV	144.6150, -26.4322, -15.4484
Hunter-Lab	56.4077, -23.0316, 23.9517

Details

The YUV color **144.6150, -26.4322, -15.4484** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **110.3850, 26.4322, 15.4484**, and the grayscale version is **145.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **198.8600, -28.0320, -15.6632**, and **93.3700, -24.8324, -15.2335** is the 20% darker color. If you saturate the color by 10%, you get **140.3990, -32.2417, -18.7669**, and if you desaturate by 10%, it is **148.8310, -20.6227, -12.1298**.

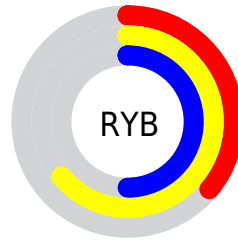
Distribution



Red (50%)

Green (64%)

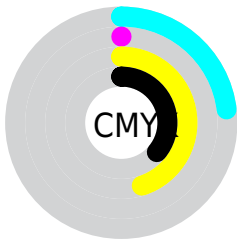
Blue (36%)



Red (36%)

Yellow (64%)

Blue (50%)

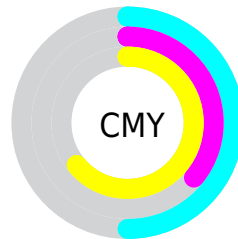


Cyan (23%)

Magenta (0%)

Yellow (45%)

Black (36%)



Cyan (50%)

Magenta (36%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 144.6150, -26.4322, -15.4484 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 144.6150, -26.4322, -15.4484 by changing the saturation by 10% instead.

■ 144.6150,
-26.4322, -15.4484

■ 144.6150,
-26.4322, -15.4484

■ 255.0000, 0.0000,
0.0000

■ 118.8430,
-25.5586, -15.6483

■ 198.8600,
-28.0320, -15.6632

■ 93.3700, -24.8324,
-15.2335

■ 227.3330,
-28.7582, -16.0780

■ 68.4840, -24.3956,
-15.3335

■ 243.3050,
-22.8284, -4.6525

■ 45.6410, -22.5010,
-16.3482

■ 251.5800,
-13.1039, 2.9993

■ 24.3660, -12.0124,
-20.4920

■ 254.8860, -0.4368,
0.1000

■ 11.1530, -5.4984,
-9.7812

■ 0.0000, 0.0000,

0.0000

■ 144.6150,
-26.4322, -15.4484

■ 144.6150,
-26.4322, -15.4484

■ 140.3990,
-32.2417, -18.7669

■ 148.8310,
-20.6227, -12.1298

■ 135.7700,
-38.3406, -22.6003

■ 153.4600,
-14.5238, -8.2964

■ 131.5540,
-44.1501, -25.9189

■ 157.6760, -8.7143,
-4.9779

■ 127.2240,
-50.3964, -29.1374

■ 162.0060, -2.4680,
-1.7593

■ 122.7090,
-56.0585, -33.0708

■ 166.5210, 3.1941,
2.1741

■ 120.4870,
-59.4001, -34.6301

■ 170.7370, 9.0037,
5.4927

■ 175.0670, 15.2500,
8.7112

■ 179.2830, 21.0595,
12.0298

■ 183.9120, 27.1584,
15.8632

Harmonies

Analogous

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



148.9950, -35.9865, 15.7904



144.6150, -26.4322, -15.4484



136.7210, -7.2575, -52.3753

Triad

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



144.6150, -26.4322, -15.4484



122.1630, 49.2196, -107.1370



155.1200, -4.9892, 60.4078

Complementary

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



144.6150, -26.4322, -15.4484



110.3850, 26.4322, 15.4484

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.



157.3040, 12.6681, 43.5834



144.6150, -26.4322, -15.4484



148.6820, 39.1038, -35.6781

Square

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



144.6150, -26.4322, -15.4484



122.9490, 37.0001, -107.8263



156.6940, 27.7589, 9.9154



153.3420, -21.8606, 58.4591

Rectangle

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



144.6150, -26.4322, -15.4484



122.0220, 12.8072, -94.7353



156.6940, 27.7589, 9.9154



155.7050, 1.1314, 57.2637

Sweetspot

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



144.6150, -26.4322, -15.4484



206.6220, -10.1666, -5.8075



133.9590, -21.1788, 26.3460



102.3710, -6.0989, -3.8334



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



144.6150, -26.4322, -15.4484



184.0750, -40.9560, -23.7448



133.8510, -21.1255, -37.5803



79.4790, -3.1941, -2.1741



106.6430, -52.5750, -30.3819



13.2570, -6.5357, -3.7334

Inverse Universe

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



110.3850, 26.4322, 15.4484



130.9250, 40.9560, 23.7448



121.1490, 21.1255, 37.5803



75.5210, 3.1941, 2.1741



38.6560, 52.4276, 30.9967



4.7430, 6.5357, 3.7334

Previews

White Background



This preview shows how the YUV color 144.6150, -26.4322, -15.4484 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 144.6150, -26.4322, -15.4484 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

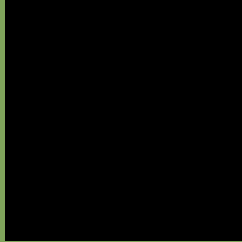
Any Text WCAG AA ✓ Pass

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 144.6150, -26.4322, -15.4484 Background



This preview shows how black text looks on a background with the YUV color 144.6150, -26.4322, -15.4484.



This preview shows how white text looks on a background with the YUV color 144.6150, -26.4322, -15.4484.

-15.4484.

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

144.6150, -26.4322, -15.4484

Protanopia

149.6620, -30.8924, 15.2054

Deuteranopia

151.5480, -27.8782, 28.4604



Tritanopia

151.3990, 8.1843, -11.7509

Trichromacy



Original Color

144.6150, -26.4322, -15.4484

Protanomaly

147.6390, -29.4020, 3.8246

Deuteranomaly

149.2640, -27.2452, 12.0465

Tritanomaly

148.7720, -4.3246, -12.9550

Monochromacy



Original Color

144.6150, -26.4322, -15.4484

Achromatopsia

145.0000, 0.0000, 0.0000

Achromatomaly

144.7360, -9.7298, -5.9075

CSS Examples

Text

The CSS property to change the color of the text to YUV 144.6150, -26.4322, -15.4484 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(127, 164, 91)` looks like.

```
.text, #text, p{  
    color:rgb(127, 164, 91)  
}
```

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(127, 164, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 164, 91) }
```

Border

The CSS property to change the border of an element to YUV 144.6150, -26.4322, -15.4484 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(127, 164, 91) }
```


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

```
.border{ border-color:rgb(127, 164, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 164, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 164, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 164, 91);  
box-shadow:4px 4px 4px 4px rgb(127, 164,  
91) }
```

Background

The CSS property to change the background color of an element to YUV 144.6150, -26.4322, -15.4484 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 164, 91) }
```

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

```
.background{ background-color: rgb(127,  
164, 91) }
```

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