

Converting Colors

YUV(151.2490, -4.5598,
-30.9134)

Have a look what the booklet for
YUV(151.2490, -4.5598, -30.9134)
contains.

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Color

**YUV(151.2490, -4.5598,
-30.9134)**

Conversions

Conversions Part 1

Format	Color
Hex	74AB8E
RGB	116, 171, 142
RGB Percent	45%, 67%, 56%
CMY	0.5451, 0.3294, 0.4431
CMYK	0.32, 0.00, 0.17, 0.33
HSL	148°, 25%, 56%
HSV	148°, 32%, 67%
XYZ	26.6479, 34.7918, 30.9022
YIQ	151.2490, -23.4710, -20.6790

Conversions

Conversions Part 2

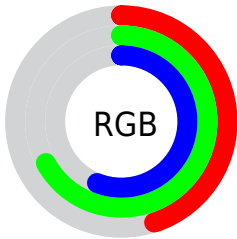
Format	Color
RYB	116, 153, 171
Decimal	7646094
CIELab	65.59, -24.42, 9.23
CIElCh	66, 26.103, 159.287
Yxy	34.7918, 0.2886, 0.3768
Android (android.graphics.Color)	4285836174 (0xFF74AB8E)
YUV	151.2490, -4.5598, -30.9134
Hunter-Lab	58.9846, -22.5809, 10.2270

Details

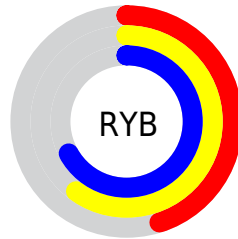
The YUV color **151.2490, -4.5598, -30.9134** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **135.7510, 4.5598, 30.9134**, and the grayscale version is **151.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **206.1240, -4.9911, -32.5577**, and **99.1890, -3.5442, -29.9838** is the 20% darker color. If you saturate the color by 10%, you get **145.1400, -5.9850, -40.4648**, and if you desaturate by 10%, it is **157.3580, -3.1345, -21.3620**.

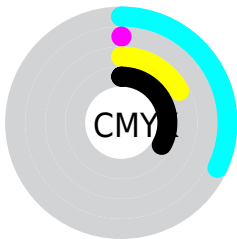
Distribution



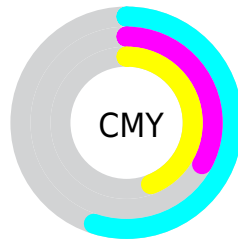
- Red (45%)
- Green (67%)
- Blue (56%)



- Red (45%)
- Yellow (60%)
- Blue (67%)



- Cyan (32%)
- Magenta (0%)
- Yellow (17%)
- Black (33%)



- Cyan (55%)
- Magenta (33%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 151.2490, -4.5598, -30.9134 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 151.2490, -4.5598, -30.9134 by changing the saturation by 10% instead.

■ 151.2490, -4.5598,
-30.9134

■ 151.2490, -4.5598,
-30.9134

255.0000, 0.0000,
0.0000

■ 124.6620, -4.2704,
-30.3986

■ 206.1240, -4.9911,
-32.5577

■ 99.1890, -3.5442,
-29.9838

■ 234.1240, -4.9911,
-32.5577

■ 74.8900, -3.3968,
-30.5985

■ 245.9870, 2.9644,
-17.5286

■ 50.2210, -2.0810,
-32.6428

■ 30.4390, -2.6814,
-26.6950

■ 16.4360, -8.1029,
-14.4144

■ 0.0000, 0.0000,

0.0000

■ 151.2490, -4.5598,
-30.9134

■ 151.2490, -4.5598,
-30.9134

■ 145.1400, -5.9850,
-40.4648

■ 157.3580, -3.1345,
-21.3620

■ 139.0310, -7.4103,
-50.0162

■ 163.4670, -1.7092,
-11.8106

■ 132.9220, -8.8355,
-59.5676

■ 169.5760, -0.2840,
-2.2592

■ 126.8130,
-10.2608, -69.1190

■ 175.6850, 1.1413,
7.2923

■ 120.4050,
-11.5387, -79.2852

■ 181.7940, 2.5666,
16.8437

■ 114.2960,
-12.9639, -88.8366

■ 188.2020, 3.8444,
27.0098

■ 109.6110,
-14.1052, -96.1288

■ 194.3110, 5.2697,
36.5613

■ 200.4200, 6.6949,
46.1127

■ 202.0440, 10.3313,
46.4424

Harmonies

Analogous

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



154.8080, -15.6813, -10.3556



151.2490, -4.5598, -30.9134



147.9940, 8.8770, -47.3527

Triad

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



151.2490, -4.5598, -30.9134



158.5630, 22.8934, -16.2798



161.0450, -14.8122, 37.6715

Complementary

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



151.2490, -4.5598, -30.9134



135.7510, 4.5598, 30.9134

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.



162.3900, -4.6293, 38.2460



151.2490, -4.5598, -30.9134



162.4090, 16.5604, 8.4113

Square

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



151.2490, -4.5598, -30.9134



152.7620, 24.2743, -39.2563



162.8970, 6.4598, 28.1543



159.2580, -21.3262, 26.9607

Rectangle

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



151.2490, -4.5598, -30.9134



147.9100, 16.3134, -52.5411



162.8970, 6.4598, 28.1543



161.8540, -11.7600, 38.7160

Sweetspot

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



151.2490, -4.5598, -30.9134



214.0540, -1.9986, -12.3254



156.9560, -20.1913, -10.4854



107.3150, -1.1413, -7.2923



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.



151.2490, -4.5598, -30.9134



190.7430, -7.2683, -48.8866



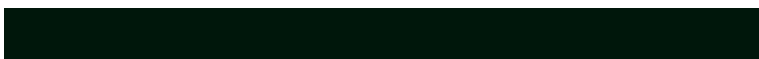
154.3270, 7.2338, -33.6128



83.7390, -0.8573, -5.0331



96.1440, -12.3960, -84.3183



14.7550, -1.8512, -12.9401

Inverse Universe

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



135.7510, 4.5598, 30.9134



166.2570, 7.2683, 48.8866



132.6730, -7.2338, 33.6128



81.2610, 0.8573, 5.0331



53.8560, 12.3960, 84.3183



8.2450, 1.8512, 12.9401

Previews

White Background



This preview shows how the YUV color 151.2490, -4.5598, -30.9134 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 151.2490, -4.5598, -30.9134 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

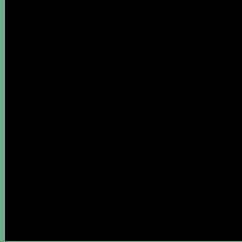
Any Text WCAG AA ✓ Pass

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 151.2490, -4.5598, -30.9134 Background



This preview shows how black text looks on a background with the YUV color 151.2490, -4.5598, -30.9134.



This preview shows how white text looks on a background with the YUV color 151.2490, -4.5598, -30.9134.

-30.9134.

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

151.2490, -4.5598, -30.9134

Protanopia

158.1830, -10.9362, 7.7325

Deuteranopia

159.9760, -6.8902, 16.6840



Tritanopia

154.9240, 11.8695, -27.1203

Trichromacy



Original Color

151.2490, -4.5598, -30.9134

Protanomaly

155.6650, -8.7088, -6.7222

Deuteranomaly

157.0940, -5.9623, -0.9594

Tritanomaly

153.7190, 6.0545, -28.6946

Monochromacy



Original Color

151.2490, -4.5598, -30.9134

Achromatopsia

151.0000, 0.0000, 0.0000

Achromatomaly

150.8800, -1.4198, -11.2958

CSS Examples

Text

The CSS property to change the color of the text to YUV 151.2490, -4.5598, -30.9134 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(116, 171, 142)` looks like.

```
.text, #text, p{  
    color:rgb(116, 171, 142)  
}
```

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(116, 171, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 171, 142) }
```

Border

The CSS property to change the border of an element to YUV 151.2490, -4.5598, -30.9134 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(116, 171, 142) }
```


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

```
.border{ border-color:rgb(116, 171, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 171, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 171, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 171, 142);  
box-shadow:4px 4px 4px 4px rgb(116, 171,  
142) }
```

Background

The CSS property to change the background color of an element to YUV 151.2490, -4.5598, -30.9134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 171, 142) }
```

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

```
.background{ background-color: rgb(116,  
171, 142) }
```

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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