

Converting Colors

YUV(145.0600, 12.2954,
-23.7316)

Have a look what the booklet for
YUV(145.0600, 12.2954, -23.7316)
contains.

YUV(145.0600, 12.2954, -23.7316)	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(145.0600, 12.2954,
-23.7316)**

Conversions

Conversions Part 1

Format	Color
Hex	769AAA
RGB	118, 154, 170
RGB Percent	46%, 60%, 67%
CMY	0.5373, 0.3961, 0.3333
CMYK	0.31, 0.09, 0.00, 0.33
HSL	198°, 23%, 56%
HSV	198°, 31%, 67%
XYZ	26.2825, 29.8650, 42.4095
YIQ	145.0600, -26.5920, -2.6560

Conversions

Conversions Part 2

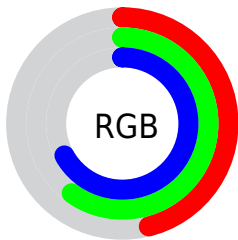
Format	Color
R_{YB}	118, 139, 170
Decimal	7772842
CIE _{Lab}	61.54, -8.47, -12.37
CIE _{LCh}	62, 14.994, 235.617
Yxy	29.8650, 0.2667, 0.3030
Android (android.graphics.Color)	4285962922 (0xFF769AAA)
YUV	145.0600, 12.2954, -23.7316
Hunter-Lab	54.6489, -9.7889, -7.7569

Details

The YUV color $145.0600, 12.2954, -23.7316$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $142.9400, -12.2954, 23.7316$, and the grayscale version is $145.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $198.8750, 12.8796, -24.4464$, and $93.9460, 11.8586, -23.6316$ is the 20% darker color. If you saturate the color by 10%, you get $137.0420, 16.2483, -31.6088$, and if you desaturate by 10%, it is $153.0780, 8.3425, -15.8544$.

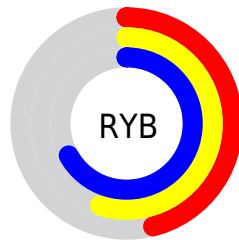
Distribution



Red (46%)

Green (60%)

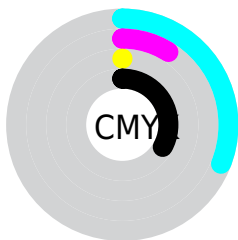
Blue (67%)



Red (46%)

Yellow (55%)

Blue (67%)

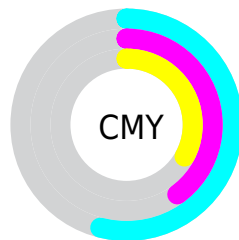


Cyan (31%)

Magenta (9%)

Yellow (0%)

Black (33%)



Cyan (54%)

Magenta (40%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 145.0600, 12.2954, -23.7316 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 145.0600, 12.2954, -23.7316 by changing the saturation by 10% instead.

■ 145.0600, 12.2954,
-23.7316

■ 145.0600, 12.2954,
-23.7316

■ 255.0000, 0.0000,
0.0000

■ 119.0600, 12.2954,
-23.7316

■ 198.8750, 12.8796,
-24.4464

■ 93.9460, 11.8586,
-23.6316

■ 227.5760, 13.0270,
-25.0612

■ 69.8320, 11.4218,
-23.5317

■ 246.9270, 3.9800,
-16.5990

■ 45.9350, 11.8640,
-25.3760

■ 25.9030, 10.4008,
-22.7169

■ 10.1220, 8.3209,
-8.8770

■ 0.0000, 0.0000,

0.0000

■ 145.0600, 12.2954,
-23.7316

■ 145.0600, 12.2954,
-23.7316

■ 137.0420, 16.2483,
-31.6088

■ 153.0780, 8.3425,
-15.8544

■ 129.0240, 20.2012,
-39.4860

■ 161.0960, 4.3897,
-7.9772

■ 120.4190, 24.4434,
-46.8485

■ 169.7010, 0.1474,
-0.6148

■ 112.4010, 28.3963,
-54.7257

■ 177.7190, -3.8055,
7.2624

■ 104.3830, 32.3492,
-62.6029

■ 185.7370, -7.7583,
15.1397

■ 96.3650, 36.3021,
-70.4801

■ 193.7550,
-11.7112, 23.0169

■ 88.6460, 40.1075,
-77.7425

■ 202.3600,
-15.9535, 30.3793

■ 210.3780,
-19.9064, 38.2565

■ 213.6120,
-21.5007, 36.2973

Harmonies

Analogous

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



143.8980, 7.9383, -26.2205



145.0600, 12.2954, -23.7316



147.1690, 13.7207, -14.1802

Triad

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



145.0600, 12.2954, -23.7316



151.4200, -0.2071, 19.8027



146.8400, -10.7671, 0.1403

Complementary

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



145.0600, 12.2954, -23.7316



142.9400, -12.2954, 23.7316

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.



148.3360, -12.9836, 11.1063



145.0600, 12.2954, -23.7316



150.8350, -6.3277, 22.9467

Square

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



145.0600, 12.2954, -23.7316



151.0860, 6.3666, 11.3256



149.8470, -11.2636, 19.4282



145.6150, -6.2192, -11.9404

Rectangle

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



145.0600, 12.2954, -23.7316



148.8820, 12.3832, -5.1585



149.8470, -11.2636, 19.4282



147.5200, -12.0884, 3.9290

Sweetspot

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



145.0600, 12.2954, -23.7316



212.4980, 4.6845, -9.2067



150.3480, -8.0596, -28.3692



106.0640, 2.9264, -5.3181



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.



145.0600, 12.2954, -23.7316



182.8070, 19.3221, -37.5417



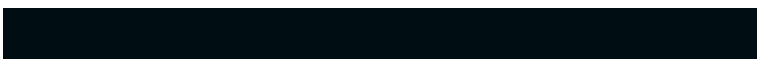
129.7980, 19.8196, -10.3468



80.4340, 1.7580, -3.8886



76.7460, 35.1282, -67.3062



10.4980, 4.6845, -9.2067

Inverse Universe

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



137.6520, 8.0596, 28.3692



171.0160, 12.8101, 44.7130



158.2020, -19.8196, 10.3468



79.0760, 1.4415, 4.3183



55.8800, 22.7372, 80.7892



7.5760, 3.1670, 10.8958

Previews

White Background



This preview shows how the YUV color 145.0600, 12.2954, -23.7316 looks on a white background.

Color Contrast Check

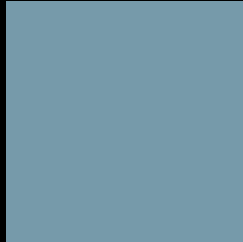
Large Text (above 18pt) WCAG AA ✓ Pass

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 145.0600, 12.2954, -23.7316 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

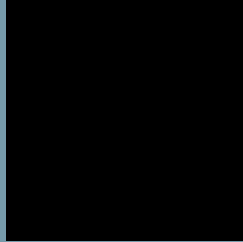
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 145.0600, 12.2954, -23.7316

Background



This preview shows how black text looks on a background with the YUV color 145.0600, 12.2954, -23.7316.



This preview shows how white text looks on a background with the YUV color 145.0600, 12.2954, -23.7316.

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

145.0600, 12.2954, -23.7316

Protanopia

148.8670, 8.4466, -2.5144

Deuteranopia

149.8720, 10.9091, 0.9893



Tritanopia

145.0060, 10.8430, -24.5613

Trichromacy



Original Color

145.0600, 12.2954, -23.7316

Protanomaly

147.7520, 9.4893, -10.3065

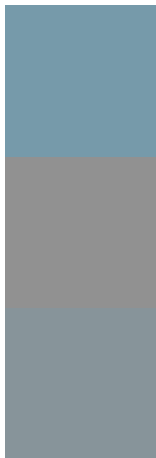
Deuteranomaly

147.9310, 11.3730, -7.8325

Tritanomaly

145.1200, 11.2798, -24.6612

Monochromacy



Original Color

145.0600, 12.2954, -23.7316

Achromatopsia

145.0000, 0.0000, 0.0000

Achromatomaly

144.7970, 4.5371, -8.5920

CSS Examples

Text

The CSS property to change the color of the text to YUV 145.0600, 12.2954, -23.7316 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(118, 154, 170)` looks like.

```
.text, #text, p{  
    color:rgb(118, 154, 170)  
}
```

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(118, 154, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 154, 170) }
```

Border

The CSS property to change the border of an element to YUV 145.0600, 12.2954, -23.7316 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(118, 154, 170) }
```


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

```
.border{ border-color:rgb(118, 154, 170) }
```

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

Here you see how a box with a 4 pixel rgb(118, 154, 170) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 154, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 154, 170);  
box-shadow:4px 4px 4px 4px rgb(118, 154,  
170) }
```

Background

The CSS property to change the background color of an element to YUV 145.0600, 12.2954, -23.7316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 154, 170) }
```

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

```
.background{ background-color: rgb(118,  
154, 170) }
```

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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