

Converting Colors

YUV(145.3260, 12.1643,
-28.3499)

Have a look what the booklet for
YUV(145.3260, 12.1643, -28.3499)
contains.

YUV(145.3260, 12.1643, -28.3499)	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(145.3260, 12.1643,
-28.3499)**

Conversions

Conversions Part 1

Format	Color
Hex	719DAA
RGB	113, 157, 170
RGB Percent	44%, 62%, 67%
CMY	0.5569, 0.3843, 0.3333
CMYK	0.34, 0.08, 0.00, 0.33
HSL	194°, 25%, 55%
HSV	194°, 34%, 67%
XYZ	26.1227, 30.5269, 42.5457
YIQ	145.3260, -30.3970, -5.2850

Conversions

Conversions Part 2

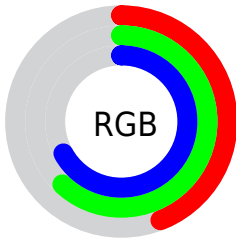
Format	Color
RYB	113, 138, 170
Decimal	7445930
CIELab	62.11, -11.58, -11.55
CIELCh	62, 16.356, 224.926
Yxy	30.5269, 0.2633, 0.3077
Android (android.graphics.Color)	4285636010 (0xFF719DAA)
YUV	145.3260, 12.1643, -28.3499
Hunter-Lab	55.2512, -12.2949, -6.9799

Details

The YUV color **145.3260, 12.1643, -28.3499** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **137.6740, -12.1643, 28.3499**, and the grayscale version is **145.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **200.0270, 12.3117, -28.9647**, and **94.2120, 11.7275, -28.2499** is the 20% darker color. If you saturate the color by 10%, you get **137.8950, 15.8278, -36.7419**, and if you desaturate by 10%, it is **152.7570, 8.5008, -19.9579**.

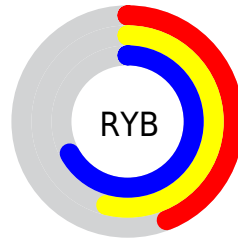
Distribution



Red (44%)

Green (62%)

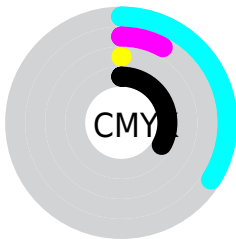
Blue (67%)



Red (44%)

Yellow (54%)

Blue (67%)

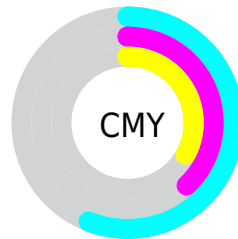


Cyan (34%)

Magenta (8%)

Yellow (0%)

Black (33%)



Cyan (56%)

Magenta (38%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 145.3260, 12.1643, -28.3499 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 145.3260, 12.1643, -28.3499 by changing the saturation by 10% instead.

■ 145.3260, 12.1643,
-28.3499

■ 145.3260, 12.1643,
-28.3499

■ 255.0000, 0.0000,
0.0000

■ 119.3260, 12.1643,
-28.3499

■ 200.0270, 12.3117,
-28.9647

■ 94.2120, 11.7275,
-28.2499

■ 227.8420, 12.8959,
-29.6794

■ 68.9130, 11.8749,
-28.8647

■ 245.4320, 4.7170,
-19.6729

■ 43.8200, 12.9067,
-33.1681

■ 254.1030, 0.4422,
-1.8443

■ 27.0770, 9.8220,
-23.7465

■ 11.8830, 7.4527,
-10.4214

■ 0.0000, 0.0000,

0.0000

■ 145.3260, 12.1643,
-28.3499

■ 145.3260, 12.1643,
-28.3499

■ 137.8950, 15.8278,
-36.7419

■ 152.7570, 8.5008,
-19.9579

■ 130.4640, 19.4912,
-45.1339

■ 160.1880, 4.8373,
-11.5659

■ 123.0330, 23.1547,
-53.5259

■ 167.6190, 1.1738,
-3.1739

■ 115.6020, 26.8182,
-61.9180

■ 175.0500, -2.4896,
5.2182

■ 108.7580, 30.1923,
-70.8248

■ 181.8940, -5.8637,
14.1250

■ 101.3270, 33.8558,
-79.2168

■ 189.3250, -9.5272,
22.5170

■ 96.2770, 36.3454,
-84.4349

■ 196.7560,
-13.1907, 30.9090

■ 204.1870,
-16.8542, 39.3010

■ 208.3290,
-18.8962, 40.9305

Harmonies

Analogous

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



144.7190, 6.0545, -28.6946



145.3260, 12.1643, -28.3499



148.0650, 14.7580, -20.2280

Triad

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



145.3260, 12.1643, -28.3499



153.1040, 2.4137, 19.2028



148.5910, -13.1094, 4.7437

Complementary

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



145.3260, 12.1643, -28.3499



137.6740, -12.1643, 28.3499

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.



150.4290, -14.0155, 15.4098



145.3260, 12.1643, -28.3499



152.3020, -4.5859, 24.2911

Square

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



145.3260, 12.1643, -28.3499



152.4600, 9.1402, 8.3666



151.3960, -10.5482, 23.3317



146.6540, -8.7034, -8.4666

Rectangle

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



145.3260, 12.1643, -28.3499



150.0060, 14.2940, -11.4063



151.3960, -10.5482, 23.3317



149.3850, -13.9938, 8.4324

Sweetspot

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



145.3260, 12.1643, -28.3499



212.4870, 4.6899, -10.9511



147.8270, -11.2537, -30.5433



106.3520, 2.7845, -6.4477



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.



145.3260, 12.1643, -28.3499



183.6490, 18.9070, -44.4192



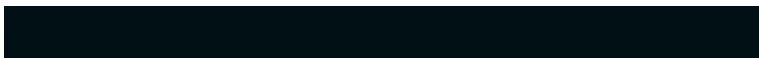
128.8900, 20.2672, -13.9355



80.4340, 1.7580, -3.8886



83.7900, 31.6555, -73.4838



11.6720, 4.1057, -10.2363

Inverse Universe

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



135.0590, 10.8169, 30.6433



167.4770, 17.0198, 47.8167



154.1100, -20.2672, 13.9355



79.0760, 1.4415, 4.3183



57.2480, 27.9787, 79.5895



7.8040, 4.0406, 10.6959

Previews

White Background



This preview shows how the YUV color 145.3260, 12.1643, -28.3499 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 145.3260, 12.1643, -28.3499 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

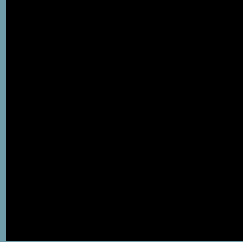
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 145.3260, 12.1643, -28.3499

Background



This preview shows how black text looks on a background with the YUV color 145.3260, 12.1643, -28.3499.



This preview shows how white text looks on a background with the YUV color 145.3260, 12.1643, -28.3499.

-28.3499.

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

145.3260, 12.1643, -28.3499

Protanopia

150.5250, 7.1362, -2.2144

Deuteranopia

151.0570, 10.3249, 1.7040



Tritanopia

145.3260, 12.1643, -28.3499

Trichromacy



Original Color

145.3260, 12.1643, -28.3499

Protanomaly

148.6270, 9.0579, -11.9509

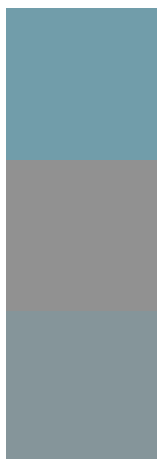
Deuteranomaly

148.8060, 10.9416, -9.4769

Tritanomaly

145.3260, 12.1643, -28.3499

Monochromacy



Original Color

145.3260, 12.1643, -28.3499

Achromatopsia

145.0000, 0.0000, 0.0000

Achromatomaly

144.7860, 4.5425, -10.3363

CSS Examples

Text

The CSS property to change the color of the text to YUV 145.3260, 12.1643, -28.3499 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(113, 157, 170)` looks like.

```
.text, #text, p{  
    color:rgb(113, 157, 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(113, 157, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 157, 170) }
```

Border

The CSS property to change the border of an element to YUV 145.3260, 12.1643, -28.3499 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(113, 157, 170) }
```


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

```
.border{ border-color:rgb(113, 157, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 157, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 157, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 157, 170);  
box-shadow:4px 4px 4px 4px rgb(113, 157,  
170) }
```

Background

The CSS property to change the background color of an element to YUV 145.3260, 12.1643, -28.3499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 157, 170) }
```

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

```
.background{ background-color: rgb(113,  
157, 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](#).

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