

Converting Colors

YUV(145.5620, 4.1599,
-27.6799)

Have a look what the booklet for
YUV(145.5620, 4.1599, -27.6799)
contains.

YUV(145.5620, 4.1599, -27.6799)	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(145.5620, 4.1599,
-27.6799)**

Conversions

Conversions Part 1

Format	Color
Hex	72A09A
RGB	114, 160, 154
RGB Percent	45%, 63%, 60%
CMY	0.5529, 0.3725, 0.3961
CMYK	0.29, 0.00, 0.04, 0.37
HSL	172°, 19%, 54%
HSV	172°, 29%, 63%
XYZ	25.3430, 31.0521, 35.2298
YIQ	145.5620, -25.4900, -11.6180

Conversions

Conversions Part 2

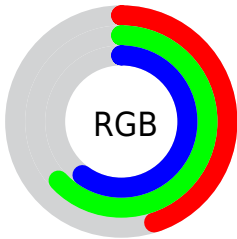
Format	Color
RYB	114, 139, 160
Decimal	7512218
CIELab	62.55, -16.77, -1.87
CIElCh	63, 16.871, 186.361
Yxy	31.0521, 0.2766, 0.3389
Android (android.graphics.Color)	4285702298 (0xFF72A09A)
YUV	145.5620, 4.1599, -27.6799
Hunter-Lab	55.7244, -16.3375, 1.5231

Details

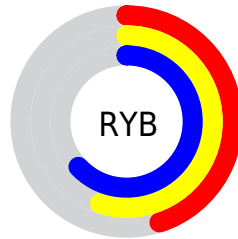
The YUV color **145.5620, 4.1599, -27.6799** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **128.4380, -4.1599, 27.6799**, and the grayscale version is **146.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **199.8500, 4.0180, -28.8094**, and **94.2740, 4.3019, -26.5503** is the 20% darker color. If you saturate the color by 10%, you get **140.5500, 5.6449, -37.3163**, and if you desaturate by 10%, it is **150.5740, 2.6750, -18.0434**.

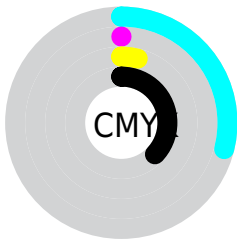
Distribution



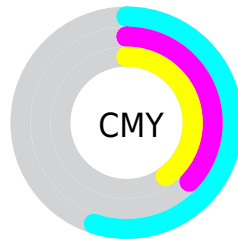
- Red (45%)
- Green (63%)
- Blue (60%)



- Red (45%)
- Yellow (55%)
- Blue (63%)



- Cyan (29%)
- Magenta (0%)
- Yellow (4%)
- Black (37%)



- Cyan (55%)
- Magenta (37%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 145.5620, 4.1599, -27.6799 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 145.5620, 4.1599, -27.6799 by changing the saturation by 10% instead.

■ 145.5620, 4.1599,
-27.6799

■ 145.5620, 4.1599,
-27.6799

■ 255.0000, 0.0000,
0.0000

■ 119.8610, 4.0125,
-27.0651

■ 199.8500, 4.0180,
-28.8094

■ 94.2740, 4.3019,
-26.5503

■ 227.9640, 4.4547,
-28.9094

■ 69.9750, 4.4493,
-27.1651

■ 245.4320, 4.7170,
-19.6729

■ 46.0780, 4.8915,
-29.0094

■ 254.1030, 0.4422,
-1.8443

■ 26.8830, 4.0017,
-23.5764

■ 11.4610, 0.7587,
-10.0513

■ 0.0000, 0.0000,

0.0000

■ 145.5620, 4.1599,
-27.6799

■ 145.5620, 4.1599,
-27.6799

■ 140.5500, 5.6449,
-37.3163

■ 150.5740, 2.6750,
-18.0434

■ 135.5380, 7.1298,
-46.9528

■ 155.5860, 1.1901,
-8.4069

■ 130.5260, 8.6147,
-56.5893

■ 160.5980, -0.2948,
1.2296

■ 125.5140, 10.0996,
-66.2258

■ 165.6100, -1.7797,
10.8660

■ 120.5020, 11.5845,
-75.8623

■ 170.6220, -3.2646,
20.5025

■ 115.3760, 12.6326,
-85.3988

■ 175.7480, -4.3128,
30.0390

■ 110.3640, 14.1175,
-95.0352

■ 180.7600, -5.7977,
39.6755

■ 109.7660, 14.4124,
-96.2648

■ 185.7720, -7.2826,
49.3120

■ 189.8870, -8.3253,
57.1041

Harmonies

Analogous

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



146.8530, -3.8715, -18.2881



145.5620, 4.1599, -27.6799



145.6740, 11.0067, -30.4091

Triad

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



145.5620, 4.1599, -27.6799



152.8940, 10.8983, 4.4780



151.5650, -13.5895, 18.7985

Complementary

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



145.5620, 4.1599, -27.6799



128.4380, -4.1599, 27.6799

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.



153.0480, -9.3907, 25.3909



145.5620, 4.1599, -27.6799



154.0760, 4.8925, 17.4733

Square

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



145.5620, 4.1599, -27.6799



150.5330, 15.0202, -10.9914



154.1710, -2.5493, 24.4060



150.3850, -13.9938, 8.4324

Rectangle

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



145.5620, 4.1599, -27.6799



146.9070, 14.3428, -27.1054



154.1710, -2.5493, 24.4060



152.5160, -12.5794, 21.4725

Sweetspot

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



145.5620, 4.1599, -27.6799



203.0910, 1.9271, -11.4808



142.7960, -14.1964, -19.9921



101.1840, 0.8953, -7.1774



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



145.5620, 4.1599, -27.6799



186.1470, 6.8295, -43.9789



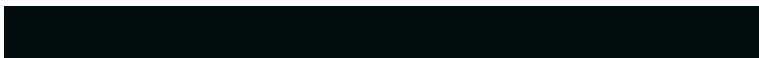
136.2670, 11.7004, -19.5282



76.4940, 0.7425, -4.8182



98.0770, 12.7800, -86.0135



10.2870, 1.3375, -9.0217

Inverse Universe

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



128.4380, -4.1599, 27.6799



158.8530, -6.8295, 43.9789



137.7330, -11.7004, 19.5282



73.5060, -0.7425, 4.8182



44.9230, -12.7800, 86.0135



4.7130, -1.3375, 9.0217

Previews

White Background



This preview shows how the YUV color 145.5620, 4.1599, -27.6799 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 145.5620, 4.1599, -27.6799 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

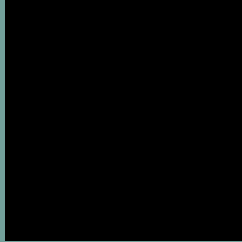
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

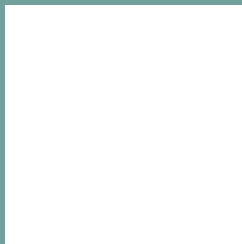
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 145.5620, 4.1599, -27.6799

Background



This preview shows how black text looks on a background with the YUV color 145.5620, 4.1599, -27.6799.



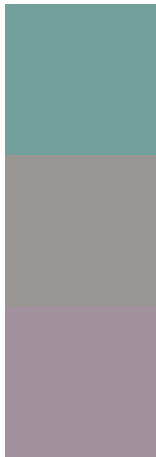
This preview shows how white text looks on a background with the YUV color 145.5620, 4.1599,

-27.6799.

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

145.5620, 4.1599, -27.6799

Protanopia

150.9680, -1.4632, 2.6591

Deuteranopia

152.3370, 2.2989, 9.3515



Tritanopia

147.4080, 11.1379, -25.7908

Trichromacy



Original Color

145.5620, 4.1599, -27.6799

Protanomaly

149.0590, 0.4639, -8.8217

Deuteranomaly

149.7760, 3.0684, -4.1886

Tritanomaly

147.0120, 8.3751, -26.3205

Monochromacy



Original Color

145.5620, 4.1599, -27.6799

Achromatopsia

146.0000, 0.0000, 0.0000

Achromatomaly

145.6890, 1.6323, -10.2513

CSS Examples

Text

The CSS property to change the color of the text to YUV 145.5620, 4.1599, -27.6799 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(114, 160, 154)` looks like.

```
.text, #text, p{  
    color:rgb(114, 160, 154)  
}
```

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(114, 160, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 160, 154) }
```

Border

The CSS property to change the border of an element to YUV 145.5620, 4.1599, -27.6799 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(114, 160, 154) }
```


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

```
.border{ border-color:rgb(114, 160, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 160, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 160, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 160, 154);  
box-shadow:4px 4px 4px 4px rgb(114, 160,  
154) }
```

Background

The CSS property to change the background color of an element to YUV 145.5620, 4.1599, -27.6799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 160, 154) }
```

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

```
.background{ background-color: rgb(114,  
160, 154) }
```

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