

Converting Colors

YUV(142.5420, 7.6208,
-64.4963)

Have a look what the booklet for
YUV(142.5420, 7.6208, -64.4963)
contains.

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Color

**YUV(142.5420, 7.6208,
-64.4963)**

Conversions

Conversions Part 1

Format	Color
Hex	45B19E
RGB	69, 177, 158
RGB Percent	27%, 69%, 62%
CMY	0.7294, 0.3059, 0.3804
CMYK	0.61, 0.00, 0.11, 0.31
HSL	169°, 44%, 48%
HSV	169°, 61%, 69%
XYZ	24.3479, 35.1781, 37.8545
YIQ	142.5420, -58.2690, -28.8050

Conversions

Conversions Part 2

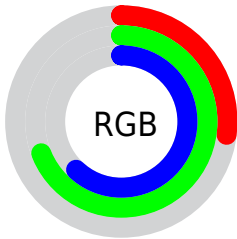
Format	Color
RYB	69, 128, 177
Decimal	4567454
CIELab	65.89, -35.41, 0.55
CIElCh	66, 35.417, 179.105
Yxy	35.1781, 0.2500, 0.3612
Android (android.graphics.Color)	4282757534 (0xFF45B19E)
YUV	142.5420, 7.6208, -64.4963
Hunter-Lab	59.3111, -30.5181, 3.6768

Details

The YUV color **142.5420, 7.6208, -64.4963** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **103.4580, -7.6208, 64.4963**, and the grayscale version is **143.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **199.3250, 6.7418, -62.5520**, and **84.9860, 10.8529, -74.5327** is the 20% darker color. If you saturate the color by 10%, you get **136.8180, 8.9637, -75.2624**, and if you desaturate by 10%, it is **148.2660, 6.2779, -53.7303**.

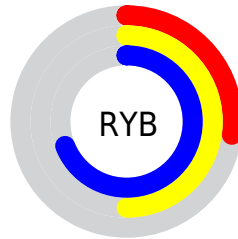
Distribution



Red (27%)

Green (69%)

Blue (62%)



Red (27%)

Yellow (50%)

Blue (69%)

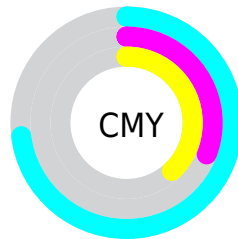


Cyan (61%)

Magenta (0%)

Yellow (11%)

Black (31%)



Cyan (73%)

Magenta (31%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 142.5420, 7.6208, -64.4963 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 142.5420, 7.6208, -64.4963 by changing the saturation by 10% instead.


 142.5420, 7.6208,
-64.4963


 142.5420, 7.6208,
-64.4963


255.0000, 0.0000,
0.0000


 113.2640, 9.2368,
-69.5145

 199.3250, 6.7418,
-62.5520


 84.9860, 10.8529,
-74.5327


 224.1020, 8.3307,
-58.8485


 66.9880, 7.8939,
-58.7485


 234.3690, 10.1711,
-42.4196

 50.2780, 4.7929,
-44.0938

 243.0400, 5.8963,
-24.5911

 33.6820, 2.1288,
-29.5391

 252.0100, 1.4741,
-6.1478

 18.9610, -0.9668,
-16.6288

 0.0000, 0.0000,

0.0000

■ 142.5420, 7.6208,
-64.4963

■ 142.5420, 7.6208,
-64.4963

■ 136.8180, 8.9637,
-75.2624

■ 148.2660, 6.2779,
-53.7303

■ 131.3930, 10.1593,
-85.4137

■ 153.6910, 5.0823,
-43.5790

■ 125.6690, 11.5022,
-96.1797

■ 159.4150, 3.7394,
-32.8130

■ 120.5430, 12.5503,
-105.7162

■ 165.1390, 2.3965,
-22.0469

■ 170.6780, 1.6377,
-11.9956

■ 176.4020, 0.2948,
-1.2296

■ 182.1260, -1.0481,
9.5365

■ 187.8500, -2.3910,
20.3026

■ 193.2750, -3.5866,
30.4538

Harmonies

Analogous

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



149.6910, -11.6797, -33.9320



142.5420, 7.6208, -64.4963



133.6430, 27.7840, -91.7719

Triad

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



142.5420, 7.6208, -64.4963



162.2860, 26.4810, -0.2508



160.2660, -26.7531, 40.9857

Complementary

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



142.5420, 7.6208, -64.4963



103.4580, -7.6208, 64.4963

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.



162.0190, -15.2924, 51.7263



142.5420, 7.6208, -64.4963



164.2700, 14.1639, 30.4582

Square

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



142.5420, 7.6208, -64.4963



154.8900, 33.5782, -36.7375



163.7810, -0.8780, 48.4271



158.1080, -30.6192, 20.9533

Rectangle

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



142.5420, 7.6208, -64.4963



137.6960, 34.1669, -85.6794



163.7810, -0.8780, 48.4271



160.8090, -23.5698, 46.6485

Sweetspot

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



142.5420, 7.6208, -64.4963



216.5300, 2.6967, -25.0208



138.3760, -34.2024, -43.3028



106.9550, 1.5012, -14.8695



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



142.5420, 7.6208, -64.4963



176.3480, 11.6604, -100.2832



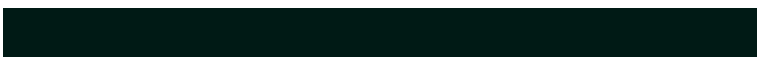
124.7500, 25.7593, -48.8927



86.1950, 0.8899, -5.4330



104.1750, 10.7597, -91.3615



17.6560, 1.6486, -15.4843

Inverse Universe

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



103.4580, -7.6208, 64.4963



115.5380, -12.0972, 100.3832



121.2500, -25.7592, 48.8928



82.9190, -0.4531, 5.3330



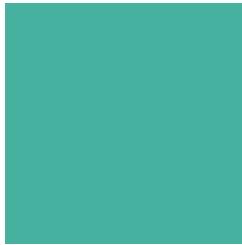
48.8250, -10.7597, 91.3615



8.2300, -2.0854, 15.5843

Previews

White Background



This preview shows how the YUV color 142.5420, 7.6208, -64.4963 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 142.5420, 7.6208, -64.4963 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

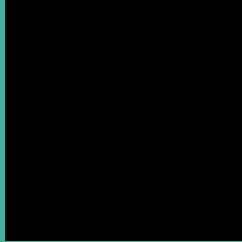
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 142.5420, 7.6208, -64.4963

Background



This preview shows how black text looks on a background with the YUV color 142.5420, 7.6208, -64.4963.



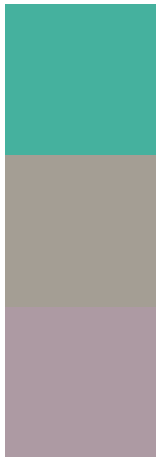
This preview shows how white text looks on a background with the YUV color 142.5420, 7.6208,

-64.4963.

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

142.5420, 7.6208, -64.4963

Protanopia

158.6540, -5.2524, 4.6884

Deuteranopia

160.7070, 1.1304, 10.7810



Tritanopia

147.0880, 19.6766, -57.9592

Trichromacy



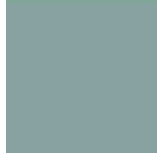
Original Color

142.5420, 7.6208, -64.4963



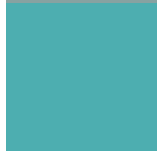
Protanomaly

152.7540, -0.3717, -20.8323



Deuteranomaly

153.8130, 3.5432, -16.4990



Tritanomaly

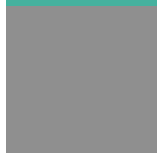
145.2250, 15.1721, -59.8333

Monochromacy



Original Color

142.5420, 7.6208, -64.4963



Achromatopsia

143.0000, 0.0000, 0.0000



Achromatomaly

142.5410, 2.6913, -23.2765

CSS Examples

Text

The CSS property to change the color of the text to YUV 142.5420, 7.6208, -64.4963 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(69, 177, 158)` looks like.

```
.text, #text, p{  
    color:rgb(69, 177, 158)  
}
```

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(69, 177, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 177, 158) }
```

Border

The CSS property to change the border of an element to YUV 142.5420, 7.6208, -64.4963 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(69, 177, 158) }
```


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

```
.border{ border-color:rgb(69, 177, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 177, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 177, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 177, 158);  
box-shadow:4px 4px 4px 4px rgb(69, 177,  
158) }
```

Background

The CSS property to change the background color of an element to YUV 142.5420, 7.6208, -64.4963 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 177, 158) }
```

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

```
.background{ background-color: rgb(69, 177,  
158) }
```

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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