

Converting Colors

YUV(141.1820, 17.1653,
-45.7636)

Have a look what the booklet for
YUV(141.1820, 17.1653, -45.7636)
contains.

YUV(141.1820, 17.1653, -45.7636)	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(141.1820, 17.1653,
-45.7636)**

Conversions

Conversions Part 1

Format	Color
Hex	59A1B0
RGB	89, 161, 176
RGB Percent	35%, 63%, 69%
CMY	0.6510, 0.3686, 0.3098
CMYK	0.49, 0.09, 0.00, 0.31
HSL	190°, 36%, 52%
HSV	190°, 49%, 69%
XYZ	24.7012, 30.7482, 45.7074
YIQ	141.1820, -47.7270, -10.5990

Conversions

Conversions Part 2

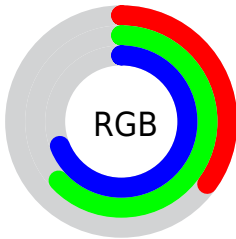
Format	Color
RYB	89, 128, 176
Decimal	5874096
CIELab	62.29, -18.40, -14.76
CIElCh	62, 23.588, 218.740
Yxy	30.7482, 0.2442, 0.3040
Android (android.graphics.Color)	4284064176 (0xFF59A1B0)
YUV	141.1820, 17.1653, -45.7636
Hunter-Lab	55.4510, -17.5249, -10.0561

Details

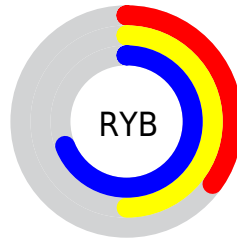
The YUV color **141.1820, 17.1653, -45.7636** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **123.8180, -17.1653, 45.7636**, and the grayscale version is **141.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **196.2960, 17.6021, -45.8636**, and **86.6760, 17.9077, -50.5819** is the 20% darker color. If you saturate the color by 10%, you get **134.0390, 20.6868, -55.2852**, and if you desaturate by 10%, it is **148.3250, 13.6438, -36.2420**.

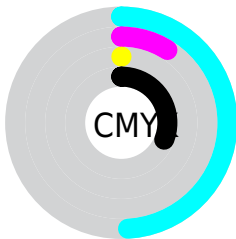
Distribution



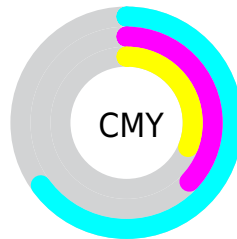
- Red (35%)
- Green (63%)
- Blue (69%)



- Red (35%)
- Yellow (50%)
- Blue (69%)



- Cyan (49%)
- Magenta (9%)
- Yellow (0%)
- Black (31%)



- Cyan (65%)
- Magenta (37%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 141.1820, 17.1653, -45.7636 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 141.1820, 17.1653, -45.7636 by changing the saturation by 10% instead.

■ 141.1820, 17.1653,
-45.7636

■ 141.1820, 17.1653,
-45.7636

255.0000, 0.0000,
0.0000

■ 114.4700, 17.0233,
-46.8932

■ 196.2960, 17.6021,
-45.8636

■ 86.6760, 17.9077,
-50.5819

■ 224.0250, 15.2707,
-44.7489

■ 61.1810, 18.6448,
-53.6557

■ 238.8540, 7.9600,
-33.1980

■ 44.3570, 15.1070,
-38.9011

■ 247.5250, 3.6852,
-15.3694

■ 28.8210, 11.4272,
-25.2760

■ 12.9260, 8.9105,
-11.3361

■ 0.4560, 1.7472,

-0.3999

■ 0.0000, 0.0000,
0.0000

■ 141.1820, 17.1653,
-45.7636

■ 141.1820, 17.1653,
-45.7636

■ 134.0390, 20.6868,
-55.2852

■ 148.3250, 13.6438,
-36.2420

■ 127.1950, 24.0609,
-64.1920

■ 155.1690, 10.2697,
-27.3352

■ 120.0520, 27.5824,
-73.7136

■ 162.3120, 6.7482,
-17.8136

■ 113.2080, 30.9565,
-82.6204

■ 169.1560, 3.3741,
-8.9068

■ 106.0650, 34.4780,
-92.1420

■ 176.2990, -0.1474,
0.6148

■ 105.7660, 34.6254,
-92.7568

■ 183.4420, -3.6689,
10.1364

■ 190.2860, -7.0430,
19.0432

■ 197.4290,
-10.5645, 28.5648

■ 204.2730,
-13.9386, 37.4716

Harmonies

Analogous

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



140.9840, 7.4029, -41.2050



141.1820, 17.1653, -45.7636



145.1000, 21.6427, -35.1677

Triad

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



141.1820, 17.1653, -45.7636



154.0600, 5.8864, 25.3804



148.9030, -19.6722, 9.7321

Complementary

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



141.1820, 17.1653, -45.7636



123.8180, -17.1653, 45.7636

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.



150.8170, -19.1368, 24.7165



141.1820, 17.1653, -45.7636



153.4820, -4.1816, 34.6573

Square

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



141.1820, 17.1653, -45.7636



153.2410, 14.6712, 7.6816



152.3650, -13.4909, 33.8829



146.1610, -14.3764, -8.9112

Rectangle

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



141.1820, 17.1653, -45.7636



148.4760, 21.4573, -22.3425



152.3650, -13.4909, 33.8829



149.8220, -20.1252, 15.0651

Sweetspot

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



141.1820, 17.1653, -45.7636



216.0130, 6.8956, -18.4284



141.6650, -19.0618, -46.1872



106.3730, 4.2531, -10.8511



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.



141.1820, 17.1653, -45.7636



175.2480, 26.9927, -71.2545



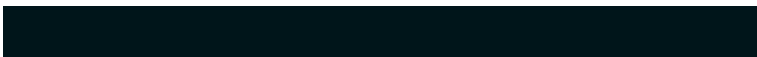
115.9410, 29.6091, -23.6273



85.7220, 1.6161, -5.0182



91.9910, 30.0774, -80.6761



15.2910, 5.2795, -13.4102

Inverse Universe

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



123.2210, 18.6250, 46.2872



147.4320, 28.8740, 72.4121



149.0590, -29.6091, 23.6273



83.6030, 2.1677, 4.7332



60.2250, 32.9201, 81.3637



10.1680, 5.3402, 13.8847

Previews

White Background



This preview shows how the YUV color 141.1820, 17.1653, -45.7636 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 141.1820, 17.1653, -45.7636 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

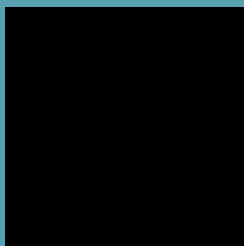
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

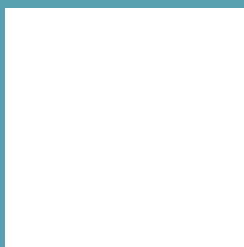
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 141.1820, 17.1653, -45.7636

Background



This preview shows how black text looks on a background with the YUV color 141.1820, 17.1653, -45.7636.



This preview shows how white text looks on a background with the YUV color 141.1820, 17.1653, -45.7636.

-45.7636.

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

141.1820, 17.1653, -45.7636

Protanopia

150.5680, 8.5940, -3.1291

Deuteranopia

150.9580, 13.8247, -0.8402



Tritanopia

140.6550, 16.4391, -46.1784

Trichromacy



Original Color

141.1820, 17.1653, -45.7636

Protanomaly

146.9790, 11.8424, -18.3986

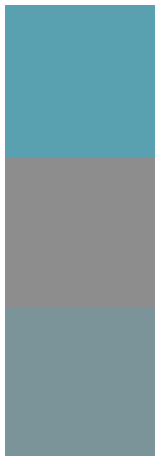
Deuteranomaly

147.2010, 15.1839, -16.8393

Tritanomaly

140.7690, 16.8759, -46.2784

Monochromacy



Original Color

141.1820, 17.1653, -45.7636

Achromatopsia

141.0000, 0.0000, 0.0000

Achromatomaly

140.9100, 6.4534, -16.5841

CSS Examples

Text

The CSS property to change the color of the text to YUV 141.1820, 17.1653, -45.7636 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(89, 161, 176)` looks like.

```
.text, #text, p{  
    color:rgb(89, 161, 176)  
}
```

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(89, 161, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 161, 176) }
```

Border

The CSS property to change the border of an element to YUV 141.1820, 17.1653, -45.7636 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(89, 161, 176) }
```


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

```
.border{ border-color:rgb(89, 161, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 161, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 161, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 161, 176);  
box-shadow:4px 4px 4px 4px rgb(89, 161,  
176) }
```

Background

The CSS property to change the background color of an element to YUV 141.1820, 17.1653, -45.7636 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 161, 176) }
```

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

```
.background{ background-color: rgb(89, 161,  
176) }
```

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