

Converting Colors

YUV(148.3920, -65.2693,
-18.7608)

Have a look what the booklet for
YUV(148.3920, -65.2693, -18.7608)
contains.

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Color

**YUV(148.3920, -65.2693,
-18.7608)**

Conversions

Conversions Part 1

Format	Color
Hex	7FB910
RGB	127, 185, 16
RGB Percent	50%, 73%, 6%
CMY	0.5020, 0.2745, 0.9373
CMYK	0.31, 0.00, 0.91, 0.27
HSL	81°, 84%, 39%
HSV	81°, 91%, 73%
XYZ	26.1949, 39.2474, 6.6851
YIQ	148.3920, 19.6810, -64.8550

Conversions

Conversions Part 2

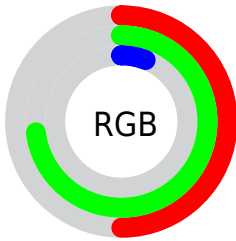
Format	Color
RYB	16, 185, 74
Decimal	8370448
CIELab	68.93, -40.69, 67.53
CIELCh	69, 78.844, 121.073
Yxy	39.2474, 0.3632, 0.5441
Android (android.graphics.Color)	4286560528 (0xFF7FB910)
YUV	148.3920, -65.2693, -18.7608
Hunter-Lab	62.6477, -34.9973, 37.5266

Details

The YUV color **148.3920, -65.2693, -18.7608** is a dark color, and the websafe version is hex **99CC33**. A complement of this color would be **52.6080, 65.2693, 18.7608**, and the grayscale version is **149.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **206.0590, -60.1751, -19.3457**, and **97.8270, -48.2287, -24.4043** is the 20% darker color. If you saturate the color by 10%, you get **145.0730, -71.5210, -20.2350**, and if you desaturate by 10%, it is **152.3520, -57.8545, -16.9717**.

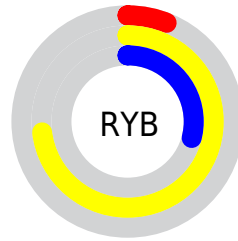
Distribution



Red (50%)

Green (73%)

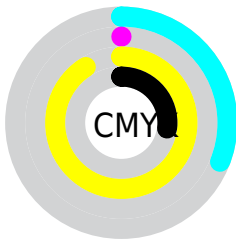
Blue (6%)



Red (6%)

Yellow (73%)

Blue (29%)

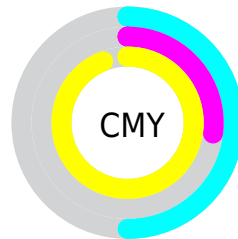


Cyan (31%)

Magenta (0%)

Yellow (91%)

Black (27%)



Cyan (50%)

Magenta (27%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the YUV color 148.3920, -65.2693, -18.7608 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 148.3920, -65.2693, -18.7608 by changing the saturation by 10% instead.

■ 148.3920,
-65.2693, -18.7608

■ 148.3920,
-65.2693, -18.7608

■ 255.0000, 0.0000,
0.0000

■ 122.3470,
-60.3171, -20.4753

■ 206.0590,
-60.1751, -19.3457

■ 97.8270, -48.2287,
-24.4043

■ 226.4390,
-56.4184, -10.9090

■ 74.4810, -36.7191,
-29.3628

■ 238.3020,
-48.4629, 4.1201

■ 47.5470, -23.4407,
-41.6987

■ 245.0820,
-38.0014, 8.6981

■ 33.4590, -16.4953,
-29.3435

■ 248.3880,
-25.3343, 5.7987

■ 21.7190, -10.7075,
-19.0476

■ 251.6940,

■ 0.0000, 0.0000,

-12.6671, 2.8994

0.0000

■ 148.3920,
-65.2693, -18.7608

■ 148.3920,
-65.2693, -18.7608

■ 145.0730,
-71.5210, -20.2350

■ 152.3520,
-57.8545, -16.9717

■ 156.4970,
-51.0240, -14.4679

■ 160.3430,
-44.0461, -12.5788

■ 164.3030,
-36.6314, -10.7897

■ 168.5620,
-29.3641, -8.3859

■ 172.4080,
-22.3861, -6.4968

■ 176.3680,
-14.9714, -4.7077

■ 180.5130, -8.1409,
-2.2039

■ 184.3590, -1.1630,
-0.3148

Harmonies

Analogous

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



156.9430, -77.3729, 36.8840



148.3920, -65.2693, -18.7608



125.8820, -15.2248, -110.3985

Triad

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



148.3920, -65.2693, -18.7608



142.3610, 55.5310, -124.8506



148.9280, 9.8955, 93.0251

Complementary

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



148.3920, -65.2693, -18.7608



52.6080, 65.2693, 18.7608

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.



169.8220, 34.1048, 74.7011



148.3920, -65.2693, -18.7608



132.3820, 60.4507, -116.0990

Square

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



148.3920, -65.2693, -18.7608



144.7600, 46.9533, -126.9545



166.1780, 43.7892, 1.5979



149.1660, -24.7318, 92.8164

Rectangle

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



148.3920, -65.2693, -18.7608



133.2290, 5.3101, -116.8418



166.1780, 43.7892, 1.5979



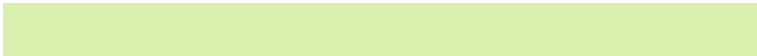
154.0120, 19.2211, 88.5665

Sweetspot

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



148.3920, -65.2693, -18.7608



225.7130, -25.0015, -7.6413



99.4030, -41.1177, 75.0686



111.6670, -15.1188, -4.0930



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



148.3920, -65.2693, -18.7608



187.8230, -92.5967, -27.0318



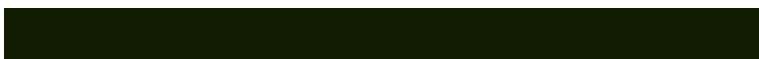
123.5750, -53.0345, -69.7873



90.0770, -3.4890, -0.9445



122.0700, -60.1805, -17.6014



21.8180, -10.7563, -3.3484

Inverse Universe

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



52.6080, 65.2693, 18.7608



51.8780, 92.7441, 26.4170



77.4250, 53.0345, 69.7873



84.9230, 3.4890, 0.9445



33.6310, 60.3279, 16.9866



6.1820, 10.7563, 3.3484

Previews

White Background



This preview shows how the YUV color 148.3920, -65.2693, -18.7608 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 148.3920, -65.2693, -18.7608 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

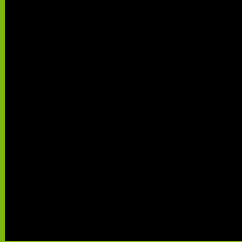
Any Text WCAG AA ✓ Pass

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 148.3920, -65.2693, -18.7608 Background



This preview shows how black text looks on a background with the YUV color 148.3920, -65.2693, -18.7608.



This preview shows how white text looks on a background with the YUV color 148.3920, -65.2693, -18.7608.

-18.7608.

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

148.3920, -65.2693, -18.7608

Protanopia

155.5830, -74.7304, 29.3067

Deuteranopia

160.7540, -60.5177, 44.0657



Tritanopia

165.5230, 10.0952, -17.9987

Trichromacy



Original Color

148.3920, -65.2693, -18.7608

Protanomaly

152.6840, -71.3292, 11.6781

Deuteranomaly

155.8560, -62.0470, 21.1743

Tritanomaly

159.2970, -17.4014, -18.6775

Monochromacy



Original Color

148.3920, -65.2693, -18.7608

Achromatopsia

148.0000, 0.0000, 0.0000

Achromatomaly

147.7670, -23.5491, -6.8117

CSS Examples

Text

The CSS property to change the color of the text to YUV 148.3920, -65.2693, -18.7608 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(127, 185, 16)` looks like.

```
.text, #text, p{  
    color:rgb(127, 185, 16)  
}
```

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(127, 185, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 185, 16) }
```

Border

The CSS property to change the border of an element to YUV 148.3920, -65.2693, -18.7608 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(127, 185, 16) }
```


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

```
.border{ border-color:rgb(127, 185, 16) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 185, 16)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 185, 16); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 185, 16);  
box-shadow:4px 4px 4px 4px rgb(127, 185,  
16) }
```

Background

The CSS property to change the background color of an element to YUV 148.3920, -65.2693, -18.7608 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 185, 16) }
```

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

```
.background{ background-color: rgb(127,  
185, 16) }
```

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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