

Converting Colors

YUV(193.1140, -16.8182,
-65.8750)

Have a look what the booklet for
YUV(193.1140, -16.8182, -65.8750)
contains.

YUV(193.1140, -16.8182, -65.8750)	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(193.1140, -16.8182,
-65.8750)**

Conversions

Conversions Part 1

Format	Color
Hex	76EE9F
RGB	118, 238, 159
RGB Percent	46%, 93%, 62%
CMY	0.5373, 0.0667, 0.3765
CMYK	0.50, 0.00, 0.33, 0.07
HSL	140°, 78%, 70%
HSV	140°, 50%, 93%
XYZ	44.3038, 67.5038, 43.4954
YIQ	193.1140, -46.1610, -50.0090

Conversions

Conversions Part 2

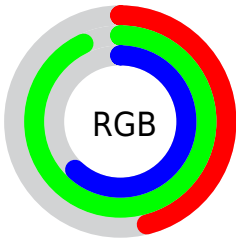
Format	Color
RYB	118, 207, 238
Decimal	7794335
CIELab	85.76, -50.93, 28.15
CIELCh	86, 58.194, 151.073
Yxy	67.5038, 0.2853, 0.4347
Android (android.graphics.Color)	4285984415 (0xFF76EE9F)
YUV	193.1140, -16.8182, -65.8750
Hunter-Lab	82.1607, -47.5282, 26.1247

Details

The YUV color **193.1140, -16.8182, -65.8750** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **162.8860, 16.8182, 65.8750**, and the grayscale version is **193.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **227.0040, -6.4110, -43.8535**, and **135.1890, -13.8972, -69.4488** is the 20% darker color. If you saturate the color by 10%, you get **184.1140, -20.2692, -79.0300**, and if you desaturate by 10%, it is **202.1140, -13.3672, -52.7200**.

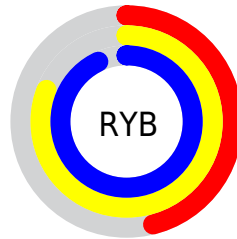
Distribution



Red (46%)

Green (93%)

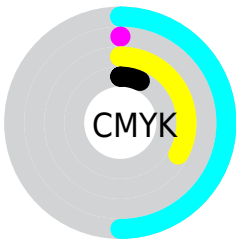
Blue (62%)



Red (46%)

Yellow (81%)

Blue (93%)

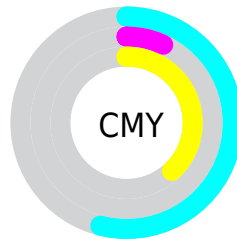


Cyan (50%)

Magenta (0%)

Yellow (33%)

Black (7%)



Cyan (54%)

Magenta (7%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 193.1140, -16.8182, -65.8750 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 193.1140, -16.8182, -65.8750 by changing the saturation by 10% instead.

■ 193.1140,
-16.8182, -65.8750

■ 193.1140,
-16.8182, -65.8750

255.0000, 0.0000,
0.0000

■ 164.1570,
-15.3604, -66.7897

■ 227.0040, -6.4110,
-43.8535

■ 135.1890,
-13.8972, -69.4488

■ 238.9810, 1.9814,
-28.9243

■ 101.5400, -9.6332,
-83.7886

■ 249.3190, 2.8007,
-11.6808

■ 81.1610, -11.4184,
-71.1782

■ 63.2770, -13.9406,
-55.4939

■ 45.9800, -16.7521,
-40.3245

■ 30.5240, -15.0483,

-26.7695

■ 17.0230, -8.3923,
-14.9292

■ 0.0000, 0.0000,
0.0000

■ 193.1140,
-16.8182, -65.8750

■ 193.1140,
-16.8182, -65.8750

■ 184.1140,
-20.2692, -79.0300

■ 202.1140,
-13.3672, -52.7200

■ 175.2280,
-23.2834, -92.2850

■ 211.0000,
-10.3530, -39.4650

■ 166.5270,
-26.8818, -104.8252


■ 219.7010, -6.7546,
-26.9248


■ 157.5270,
-30.3328, -117.9802

■ 228.7010, -3.3036,
-13.7698

 148.9400,
-33.4944, -130.6204

 237.5870, -0.2894,
-0.5148

 244.7930, 4.0461,
8.9515

 245.0210, 4.9196,
8.7516

Harmonies

Analogous

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



203.5710, -43.1725, -12.7788



193.1140, -16.8182, -65.8750



166.5640, 23.8789, -146.0766

Triad

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



193.1140, -16.8182, -65.8750



193.8020, 30.1706, -63.8474



196.6230, -18.0551, 51.1966

Complementary

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



193.1140, -16.8182, -65.8750



162.8860, 16.8182, 65.8750

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.



199.3710, 7.7051, 48.7866



193.1140, -16.8182, -65.8750



211.9620, 21.2177, 7.9263

Square

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



193.1140, -16.8182, -65.8750



166.4280, 43.6660, -145.9574



210.3880, 21.9937, 39.1247



202.5150, -41.1729, 46.0293

Rectangle

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



193.1140, -16.8182, -65.8750



170.7820, 40.0405, -149.7758



210.3880, 21.9937, 39.1247



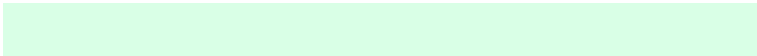
196.9140, -9.3246, 50.9414

Sweetspot

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



193.1140, -16.8182, -65.8750



240.7880, -5.3185, -20.8621



212.3600, -46.5195, -12.5937



119.2990, -3.5984, -12.5402



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



193.1140, -16.8182, -65.8750



196.7280, -21.5579, -85.7075



199.8400, 8.9529, -71.7737



115.5000, -1.7255, -6.5775



115.1900, -25.7297, -101.0216



35.0380, -7.9067, -30.7283

Inverse Universe

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



162.8860, 16.8182, 65.8750



157.3860, 21.9947, 85.6075



156.1600, -8.9529, 71.7737



112.5000, 1.7255, 6.5775



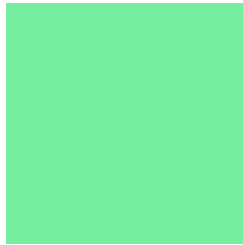
68.8100, 25.7297, 101.0216



20.9620, 7.9067, 30.7283

Previews

White Background



This preview shows how the YUV color 193.1140, -16.8182, -65.8750 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 193.1140, -16.8182, -65.8750 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 193.1140, -16.8182, -65.8750 Background



This preview shows how black text looks on a background with the YUV color 193.1140, -16.8182, -65.8750.



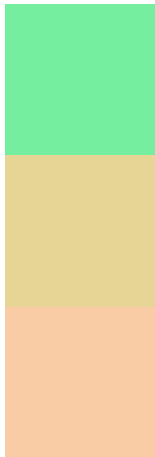
This preview shows how white text looks on a background with the YUV color 193.1140, -16.8182, -65.8750.

-65.8750.

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

193.1140, -16.8182, -65.8750

Protanopia

210.6730, -30.8978, 16.9498

Deuteranopia

213.1230, -23.2316, 31.4641



Tritanopia

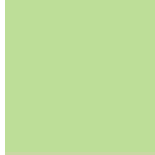
203.1530, 21.1236, -55.3852

Trichromacy



Original Color

193.1140, -16.8182, -65.8750



Protanomaly

204.1530, -25.7114, -13.2892



Deuteranomaly

205.4730, -20.9392, -3.9228



Tritanomaly

199.4610, 7.1677, -59.1633

Monochromacy



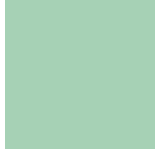
Original Color

193.1140, -16.8182, -65.8750



Achromatopsia

193.0000, 0.0000, 0.0000



Achromatomaly

192.9510, -5.8918, -23.6360

CSS Examples

Text

The CSS property to change the color of the text to YUV 193.1140, -16.8182, -65.8750 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(118, 238, 159)` looks like.

```
.text, #text, p{  
    color:rgb(118, 238, 159)  
}
```

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(118, 238, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 238, 159) }
```

Border

The CSS property to change the border of an element to YUV 193.1140, -16.8182, -65.8750 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(118, 238, 159) }
```


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

```
.border{ border-color:rgb(118, 238, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 238, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 238, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 238, 159);  
box-shadow:4px 4px 4px 4px rgb(118, 238,  
159) }
```

Background

The CSS property to change the background color of an element to YUV 193.1140, -16.8182, -65.8750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 238, 159) }
```

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

```
.background{ background-color: rgb(118,  
238, 159) }
```

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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