

Converting Colors

YUV(191.7940, 2.0736,
-58.5783)

Have a look what the booklet for
YUV(191.7940, 2.0736, -58.5783)
contains.

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Color

**YUV(191.7940, 2.0736,
-58.5783)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 7DE1C4 |
| RGB | 125, 225, 196 |
| RGB Percent | 49%, 88%, 77% |
| CMY | 0.5098, 0.1176, 0.2314 |
| CMYK | 0.44, 0.00, 0.13, 0.12 |
| HSL | 163°, 62%, 69% |
| HSV | 163°, 44%, 88% |
| XYZ | 45.3465, 62.1959, 61.8396 |
| YIQ | 191.7940, -50.2910, -30.2190 |

Conversions

Conversions Part 2

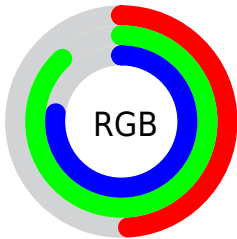
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 125, 183, 225 |
| Decimal | 8249796 |
| CIELab | 83.02, -36.10, 5.09 |
| CIElCh | 83, 36.462, 171.971 |
| Yxy | 62.1959, 0.2677, 0.3672 |
| Android (android.graphics.Color) | 4286439876 (0xFF7DE1C4) |
| YUV | 191.7940, 2.0736, -58.5783 |
| Hunter-Lab | 78.8644, -35.3765, 8.7143 |

Details

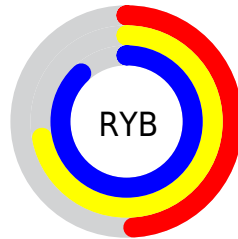
The YUV color **191.7940, 2.0736, -58.5783** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **158.2060, -2.0736, 58.5783**, and the grayscale version is **192.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **232.9450, 9.8871, -44.6788**, and **135.4240, 3.2420, -60.0078** is the 20% darker color. If you saturate the color by 10%, you get **184.1190, 2.4063, -72.0184**, and if you desaturate by 10%, it is **199.1700, 1.8882, -45.7531**.

Distribution



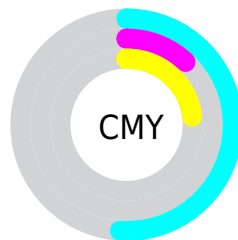
- Red (49%)
- Green (88%)
- Blue (77%)



- Red (49%)
- Yellow (72%)
- Blue (88%)



- Cyan (44%)
- Magenta (0%)
- Yellow (13%)
- Black (12%)



- Cyan (51%)
- Magenta (12%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YUV color 191.7940, 2.0736, -58.5783 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 191.7940, 2.0736, -58.5783 by changing the saturation by 10% instead.

■ 191.7940, 2.0736,
-58.5783

■ 191.7940, 2.0736,
-58.5783

255.0000, 0.0000,
0.0000

■ 163.9080, 2.5104,
-58.6783

■ 232.9450, 9.8871,
-44.6788

■ 135.4240, 3.2420,
-60.0078

■ 241.8440, 6.4859,
-27.0502

■ 106.8580, 5.0000,
-63.8965

■ 250.8140, 2.0637,
-8.6069

■ 78.5800, 6.6161,
-68.9147

■ 61.2830, 3.8045,
-53.7452

■ 44.5730, 0.7035,
-39.0905

■ 28.7920, -1.3765,

-25.2506

■ 10.5660, -5.2090,
-9.2664

■ 0.0000, 0.0000,
0.0000

■ 191.7940, 2.0736,
-58.5783

■ 191.7940, 2.0736,
-58.5783

■ 184.1190, 2.4063,
-72.0184

■ 199.1700, 1.8882,
-45.7531

■ 176.8570, 3.0285,
-84.9436

■ 206.7310, 1.1186,
-32.2131

■ 169.1820, 3.3613,
-98.3836

■ 214.4060, 0.7858,
-18.7731

■ 161.9200, 3.9834,
-111.3088

■ 221.6680, 0.1637,
-5.8478

■ 154.2450, 4.3162,
-124.7489

■ 229.3430, -0.1691,
7.5922

■ 150.3150, 4.7747,
-131.8263

■ 235.1100, -0.0542,
17.4435

■ 235.9080, 3.0034,
16.7437

■ 236.5920, 5.6241,
16.1438

■ 237.3900, 8.6817,
15.4440

Harmonies

Analogous

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



197.6440, -17.0795, -28.6288



191.7940, 2.0736, -58.5783



186.8140, 21.7837, -80.5209

Triad

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



191.7940, 2.0736, -58.5783



206.5580, 23.8819, -6.6284



205.3310, -25.3062, 43.5597

Complementary

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



191.7940, 2.0736, -58.5783



158.2060, -2.0736, 58.5783

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.



203.9410, -10.3239, 44.7787



191.7940, 2.0736, -58.5783



211.3880, 18.5427, 25.9697

Square

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



191.7940, 2.0736, -58.5783



198.0540, 28.0744, -44.7744



207.8170, 4.5272, 41.3795



205.2940, -32.6829, 29.5602

Rectangle

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



191.7940, 2.0736, -58.5783



187.9200, 31.0984, -81.4908



207.8170, 4.5272, 41.3795



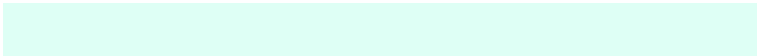
204.4820, -20.9436, 44.3043

Sweetspot

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



191.7940, 2.0736, -58.5783



243.9930, 0.4965, -19.2879



192.6700, -33.3613, -33.0366



121.0370, 0.4748, -12.3104



0.0000, 0.0000, 0.0000



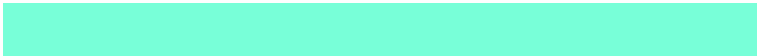
128.0000, 0.0000, 0.0000

Same Dimension

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



191.7940, 2.0736, -58.5783



210.1890, 2.8648, -79.0958



183.3600, 20.5285, -51.1817



108.3690, 0.3111, -6.4626



117.5620, 3.6669, -103.1019



32.0520, 0.9604, -28.1096

Inverse Universe

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



158.2060, -2.0736, 58.5783



164.8110, -2.8648, 79.0958



166.6400, -20.5285, 51.1817



104.6310, -0.3111, 6.4626



58.4380, -3.6669, 103.1019



15.9480, -0.9604, 28.1096

Previews

White Background



This preview shows how the YUV color 191.7940, 2.0736, -58.5783 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 191.7940, 2.0736, -58.5783 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

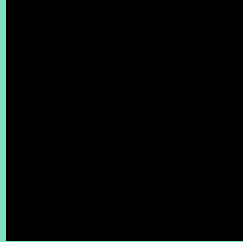
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 191.7940, 2.0736, -58.5783

Background



This preview shows how black text looks on a background with the YUV color 191.7940, 2.0736, -58.5783.



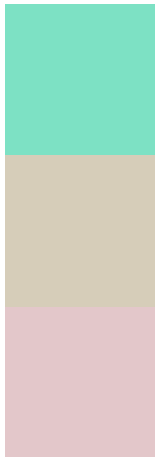
This preview shows how white text looks on a background with the YUV color 191.7940, 2.0736, -58.5783.

-58.5783.

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

191.7940, 2.0736, -58.5783

Protanopia

205.4110, -10.0626, 7.5326

Deuteranopia

207.7140, -2.8170, 16.9138



Tritanopia

196.2350, 20.0971, -52.8261

Trichromacy



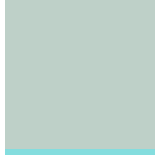
Original Color

191.7940, 2.0736, -58.5783



Protanomaly

200.4080, -5.6241, -16.1438



Deuteranomaly

201.7060, -0.8411, -10.2662



Tritanomaly

194.5030, 13.5560, -54.8151

Monochromacy



Original Color

191.7940, 2.0736, -58.5783



Achromatopsia

192.0000, 0.0000, 0.0000



Achromatomaly

191.9820, 0.5019, -21.0322

CSS Examples

Text

The CSS property to change the color of the text to YUV 191.7940, 2.0736, -58.5783 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(125, 225, 196)` looks like.

```
.text, #text, p{  
    color:rgb(125, 225, 196)  
}
```

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(125, 225, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 225, 196) }
```

Border

The CSS property to change the border of an element to YUV 191.7940, 2.0736, -58.5783 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(125, 225, 196) }
```


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

```
.border{ border-color:rgb(125, 225, 196) }
```

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

Here you see how a box with a 4 pixel rgb(125, 225, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 225, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 225, 196);  
box-shadow:4px 4px 4px 4px rgb(125, 225,  
196) }
```

Background

The CSS property to change the background color of an element to YUV 191.7940, 2.0736, -58.5783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 225, 196) }
```

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

```
.background{ background-color: rgb(125,  
225, 196) }
```

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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