

Converting Colors

YUV(190.7940, 5.5246,
-45.4233)

Have a look what the booklet for
YUV(190.7940, 5.5246, -45.4233)
contains.

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Color

**YUV(190.7940, 5.5246,
-45.4233)**

Conversions

Conversions Part 1

Format	Color
Hex	8BD7CA
RGB	139, 215, 202
RGB Percent	55%, 84%, 79%
CMY	0.4549, 0.1569, 0.2078
CMYK	0.35, 0.00, 0.06, 0.16
HSL	170°, 49%, 69%
HSV	170°, 35%, 84%
XYZ	45.6086, 58.3541, 64.7368
YIQ	190.7940, -41.1230, -20.1550

Conversions

Conversions Part 2

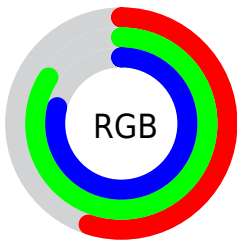
Format	Color
RYB	139, 181, 215
Decimal	9164746
CIELab	80.94, -26.38, -1.04
CIELCh	81, 26.398, 182.268
Yxy	58.3541, 0.2704, 0.3459
Android (android.graphics.Color)	4287354826 (0xFF8BD7CA)
YUV	190.7940, 5.5246, -45.4233
Hunter-Lab	76.3899, -27.1088, 3.2275

Details

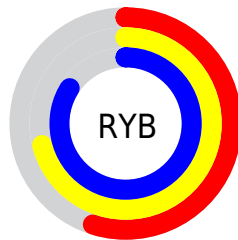
The YUV color $190.7940, 5.5246, -45.4233$ is a light color, and the websafe version is hex $66CCCC$. A complement of this color would be $163.2060, -5.5246, 45.4233$, and the grayscale version is $191.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $237.0600, 8.8444, -36.8866$, and $136.2070, 5.8139, -44.9085$ is the 20% darker color. If you saturate the color by 10%, you get $183.7600, 7.0203, -58.5485$, and if you desaturate by 10%, it is $197.8280, 4.0288, -32.2982$.

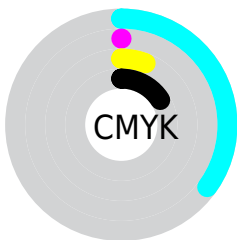
Distribution



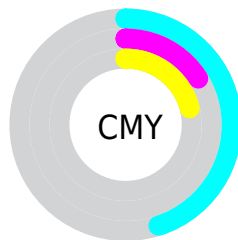
- Red (55%)
- Green (84%)
- Blue (79%)



- Red (55%)
- Yellow (71%)
- Blue (84%)



- Cyan (35%)
- Magenta (0%)
- Yellow (6%)
- Black (16%)



- Cyan (45%)
- Magenta (16%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YUV color 190.7940, 5.5246, -45.4233 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 190.7940, 5.5246, -45.4233 by changing the saturation by 10% instead.

■ 190.7940, 5.5246,
-45.4233

■ 190.7940, 5.5246,
-45.4233

■ 255.0000, 0.0000,
0.0000

■ 163.2070, 5.8139,
-44.9085

■ 237.0600, 8.8444,
-36.8866

■ 136.2070, 5.8139,
-44.9085

■ 245.7310, 4.5696,
-19.0581

■ 109.6090, 6.1088,
-46.1381

■ 254.4020, 0.2948,
-1.2296

■ 82.5270, 7.1352,
-48.6972

■ 57.1570, 8.3036,
-50.1267

■ 41.0340, 4.9132,
-35.9868

■ 25.7260, 2.1071,

-22.5617

■ 4.7930, 0.5951,
-4.2035

■ 0.0000, 0.0000,
0.0000

■ 190.7940, 5.5246,
-45.4233

■ 190.7940, 5.5246,
-45.4233

■ 183.7600, 7.0203,
-58.5485

■ 197.8280, 4.0288,
-32.2982

■ 177.1390, 8.8055,
-71.1589

■ 204.4490, 2.2436,
-19.6878

■ 170.1050, 10.3012,
-84.2841

■ 211.4830, 0.7479,
-6.5626

■ 163.3700, 11.6496,
-96.7945

■ 218.2180, -0.6005,
5.9478

■ 156.4500, 13.5822,
-110.0196

■ 225.1380, -2.5330,
19.1730

■ 149.7150, 14.9305,
-122.5301

■ 227.9860, -1.9651,
23.6913

■ 146.4970, 15.5310,
-128.4779

■ 228.4420, -0.2179,
23.2914

■ 228.7840, 1.0925,
22.9914

■ 229.2400, 2.8397,
22.5915

Harmonies

Analogous

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



193.6470, -8.2070, -27.7544



190.7940, 5.5246, -45.4233



190.2520, 17.6238, -52.8410

Triad

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



190.7940, 5.5246, -45.4233



203.4730, 19.4868, 3.0932



202.1770, -21.7793, 32.2938

Complementary

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



190.7940, 5.5246, -45.4233



163.2060, -5.5246, 45.4233

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.



203.7080, -13.6600, 41.4751



190.7940, 5.5246, -45.4233



205.5700, 9.0860, 25.8101

Square

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



190.7940, 5.5246, -45.4233



199.6870, 24.8043, -22.5275



204.9710, -2.4507, 39.4904



199.9100, -23.6196, 15.8649

Rectangle

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



190.7940, 5.5246, -45.4233



192.0660, 23.1385, -48.2929



204.9710, -2.4507, 39.4904



202.4810, -19.4641, 36.4122

Sweetspot

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



190.7940, 5.5246, -45.4233



246.0580, 1.9434, -16.7139



187.7980, -24.0574, -30.5178



122.5750, 1.1955, -10.1513



0.0000, 0.0000, 0.0000



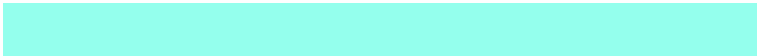
128.0000, 0.0000, 0.0000

Same Dimension

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



190.7940, 5.5246, -45.4233



220.9550, 7.9102, -63.9815



178.1880, 18.1483, -34.3679



103.4830, 0.7479, -6.5626



116.5650, 12.5395, -102.2275



29.3450, 3.2809, -25.7356

Inverse Universe

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



163.2060, -5.5246, 45.4233



182.0450, -7.9102, 63.9815



175.8120, -18.1483, 34.3679



99.5170, -0.7479, 6.5626



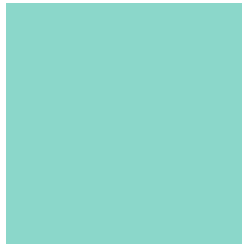
54.4350, -12.5395, 102.2275



13.6550, -3.2809, 25.7356

Previews

White Background



This preview shows how the YUV color 190.7940, 5.5246, -45.4233 looks on a white background.

Color Contrast Check

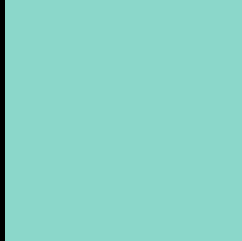
Large Text (above 18pt) WCAG AA × Fail

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 190.7940, 5.5246, -45.4233 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

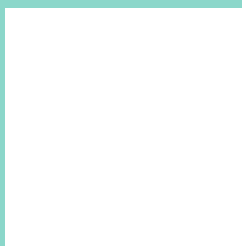
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 190.7940, 5.5246, -45.4233

Background



This preview shows how black text looks on a background with the YUV color 190.7940, 5.5246, -45.4233.



This preview shows how white text looks on a background with the YUV color 190.7940, 5.5246, -45.4233.

-45.4233.

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

190.7940, 5.5246, -45.4233

Protanopia

200.1100, -3.5052, 4.2885

Deuteranopia

201.9460, 1.9986, 12.3254



Tritanopia

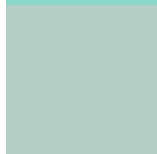
193.2040, 17.1544, -42.2749

Trichromacy



Original Color

190.7940, 5.5246, -45.4233



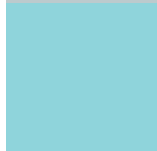
Protanomaly

196.7980, -0.3934, -13.8548



Deuteranomaly

198.1560, 3.3741, -8.9068



Tritanomaly

192.1670, 13.2287, -43.1195

Monochromacy



Original Color

190.7940, 5.5246, -45.4233



Achromatopsia

191.0000, 0.0000, 0.0000



Achromatomaly

191.0580, 1.9434, -16.7139

CSS Examples

Text

The CSS property to change the color of the text to YUV 190.7940, 5.5246, -45.4233 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(139, 215, 202)` looks like.

```
.text, #text, p{  
    color:rgb(139, 215, 202)  
}
```

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(139, 215, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 215, 202) }
```

Border

The CSS property to change the border of an element to YUV 190.7940, 5.5246, -45.4233 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(139, 215, 202) }
```


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

```
.border{ border-color:rgb(139, 215, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 215, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 215, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 215, 202);  
box-shadow:4px 4px 4px 4px rgb(139, 215,  
202) }
```

Background

The CSS property to change the background color of an element to YUV 190.7940, 5.5246, -45.4233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 215, 202) }
```

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

```
.background{ background-color: rgb(139,  
215, 202) }
```

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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