

Converting Colors

YUV(194.4380, -4.6529,
-47.7421)

Have a look what the booklet for
YUV(194.4380, -4.6529, -47.7421)
contains.

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Color

**YUV(194.4380, -4.6529,
-47.7421)**

Conversions

Conversions Part 1

Format	Color
Hex	8CE0B9
RGB	140, 224, 185
RGB Percent	55%, 88%, 73%
CMY	0.4510, 0.1216, 0.2745
CMYK	0.37, 0.00, 0.17, 0.12
HSL	152°, 58%, 71%
HSV	152°, 37%, 88%
XYZ	46.2278, 62.3895, 55.5049
YIQ	194.4380, -37.5450, -29.9370

Conversions

Conversions Part 2

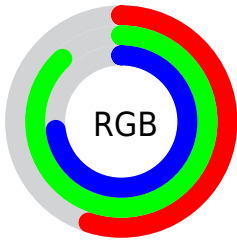
Format	Color
RYB	140, 195, 224
Decimal	9232569
CIELab	83.12, -34.03, 11.13
CIELCh	83, 35.805, 161.890
Yxy	62.3895, 0.2817, 0.3801
Android (android.graphics.Color)	4287422649 (0xFF8CE0B9)
YUV	194.4380, -4.6529, -47.7421
Hunter-Lab	78.9870, -33.7587, 13.6274

Details

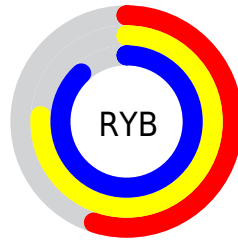
The YUV color **194.4380, -4.6529, -47.7421** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **169.5620, 4.6529, 47.7421**, and the grayscale version is **195.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **235.7630, 2.5818, -34.8722**, and **139.0790, -3.4899, -47.4273** is the 20% darker color. If you saturate the color by 10%, you get **186.7200, -5.7780, -60.2674**, and if you desaturate by 10%, it is **202.1560, -3.5279, -35.2168**.

Distribution



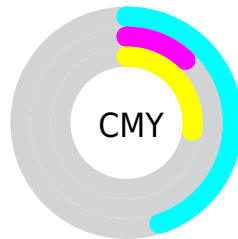
- Red (55%)
- Green (88%)
- Blue (73%)



- Red (55%)
- Yellow (76%)
- Blue (88%)



- Cyan (37%)
- Magenta (0%)
- Yellow (17%)
- Black (12%)





- Cyan (45%)
- Magenta (12%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the YUV color 194.4380, -4.6529, -47.7421 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 194.4380, -4.6529, -47.7421 by changing the saturation by 10% instead.

 194.4380, -4.6529,
-47.7421

 194.4380, -4.6529,
-47.7421

255.0000, 0.0000,
0.0000

 166.8510, -4.3635,
-47.2273


 235.7630, 2.5818,
-34.8722


 139.0790, -3.4899,
-47.4273


 246.0300, 4.4222,
-18.4433

 112.8940, -2.9057,
-48.1420

254.7010, 0.1474,
-0.6148

 85.5130, -1.7319,
-51.3159

 59.5560, -0.2741,
-52.2306

 42.9600, -2.9383,
-37.6759

 27.7660, -5.3076,

-24.3508

■ 11.1530, -5.4984,
-9.7812

■ 0.0000, 0.0000,
0.0000

■ 194.4380, -4.6529,
-47.7421

■ 194.4380, -4.6529,
-47.7421

■ 186.7200, -5.7780,
-60.2674

■ 202.1560, -3.5279,
-35.2168

■ 178.5890, -7.1924,
-73.3076

■ 210.2870, -2.1135,
-22.1767

■ 170.8710, -8.3174,
-85.8329

■ 218.0050, -0.9885,
-9.6514

■ 162.7400, -9.7318,
-98.8730

■ 226.1360, 0.4260,
3.3887

■ 155.0220,
-10.8568, -111.3983

■ 233.8540, 1.5510,
15.9140

■ 147.3040,
-11.9819, -123.9236

■ 235.8910, 5.4767,
16.7586

■ 145.1680,
-12.4078, -127.3123

■ 236.8030, 8.9711,
15.9588

Harmonies

Analogous

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



199.5700, -21.4800, -17.1629



194.4380, -4.6529, -47.7421



189.4360, 15.0681, -73.1734

Triad

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



194.4380, -4.6529, -47.7421



204.7090, 24.7935, -19.0388



204.7100, -20.0700, 44.1043

Complementary

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



194.4380, -4.6529, -47.7421



169.5620, 4.6529, 47.7421

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.



205.3090, -5.0823, 43.5790



194.4380, -4.6529, -47.7421



211.4190, 21.4854, 15.4185

Square

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



194.4380, -4.6529, -47.7421



195.3300, 29.4173, -55.5404



210.3590, 9.1900, 39.1502



206.7940, -30.9574, 36.1377

Rectangle

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



194.4380, -4.6529, -47.7421



187.6660, 26.2937, -80.3911



210.3590, 9.1900, 39.1502



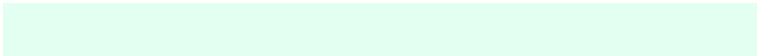
204.5620, -15.5601, 44.2341

Sweetspot

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



194.4380, -4.6529, -47.7421



245.1460, -1.5510, -15.9140



200.9690, -30.0577, -19.2668



122.0050, -0.9885, -9.6514



0.0000, 0.0000, 0.0000



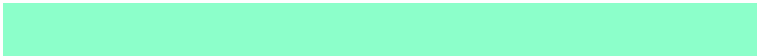
128.0000, 0.0000, 0.0000

Same Dimension

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



194.4380, -4.6529, -47.7421



214.5730, -6.1985, -65.4005



197.1230, 13.2504, -50.0969



108.1410, -0.5625, -6.2627



114.0280, -9.8738, -100.0026



31.1400, -2.5340, -27.3098

Inverse Universe

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



169.5620, 4.6529, 47.7421



180.5410, 6.6353, 65.3005



166.8770, -13.2504, 50.0969



104.8590, 0.5625, 6.2627



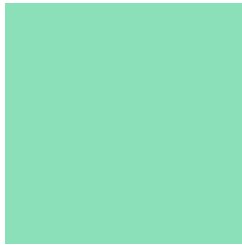
61.9720, 9.8738, 100.0026



16.8600, 2.5340, 27.3098

Previews

White Background



This preview shows how the YUV color 194.4380, -4.6529, -47.7421 looks on a white background.

Color Contrast Check

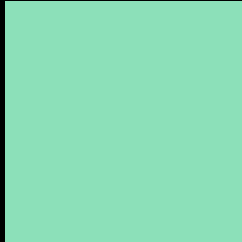
Large Text (above 18pt) WCAG AA × Fail

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 194.4380, -4.6529, -47.7421 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

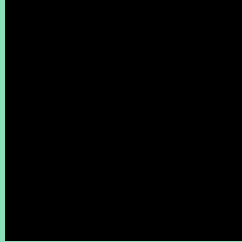
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 194.4380, -4.6529, -47.7421

Background



This preview shows how black text looks on a background with the YUV color 194.4380, -4.6529, -47.7421.



This preview shows how white text looks on a background with the YUV color 194.4380, -4.6529, -47.7421.

-47.7421.

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
194.4380, -4.6529, -47.7421
Protanopia
205.2820, -14.4360, 10.2767
Deuteranopia
207.8410, -8.7956, 21.1874



Tritanopia

199.3180, 17.5912, -42.3749

Trichromacy



Original Color

194.4380, -4.6529, -47.7421



Protanomaly

201.3610, -11.0240, -10.8406



Deuteranomaly

203.0290, -7.4093, -3.5334



Tritanomaly

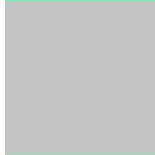
197.8310, 9.4503, -44.5788

Monochromacy



Original Color

194.4380, -4.6529, -47.7421



Achromatopsia

194.0000, 0.0000, 0.0000



Achromatomaly

194.1350, -1.5456, -17.6584

CSS Examples

Text

The CSS property to change the color of the text to YUV 194.4380, -4.6529, -47.7421 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(140, 224, 185)` looks like.

```
.text, #text, p{  
    color:rgb(140, 224, 185)  
}
```

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(140, 224, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 224, 185) }
```

Border

The CSS property to change the border of an element to YUV 194.4380, -4.6529, -47.7421 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(140, 224, 185) }
```


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

```
.border{ border-color:rgb(140, 224, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 224, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 224, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 224, 185);  
box-shadow:4px 4px 4px 4px rgb(140, 224,  
185) }
```

Background

The CSS property to change the background color of an element to YUV 194.4380, -4.6529, -47.7421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 224, 185) }
```

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

```
.background{ background-color: rgb(140,  
224, 185) }
```

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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