

Converting Colors

YUV(196.3970, 4.2413,
-53.8452)

Have a look what the booklet for
YUV(196.3970, 4.2413, -53.8452)
contains.

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Color

**YUV(196.3970, 4.2413,
-53.8452)**

Conversions

Conversions Part 1

Format	Color
Hex	87E2CD
RGB	135, 226, 205
RGB Percent	53%, 89%, 80%
CMY	0.4706, 0.1137, 0.1961
CMYK	0.40, 0.00, 0.09, 0.11
HSL	166°, 61%, 71%
HSV	166°, 40%, 89%
XYZ	48.2075, 63.9514, 67.5607
YIQ	196.3970, -47.4950, -25.8230

Conversions

Conversions Part 2

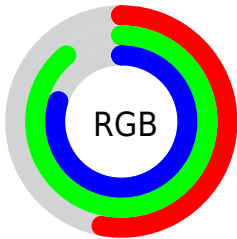
Format	Color
RYB	135, 186, 226
Decimal	8905421
CIELab	83.94, -32.03, 1.73
CIElCh	84, 32.079, 176.916
Yxy	63.9514, 0.2682, 0.3558
Android (android.graphics.Color)	4287095501 (0xFF87E2CD)
YUV	196.3970, 4.2413, -53.8452
Hunter-Lab	79.9696, -32.3430, 5.8888

Details

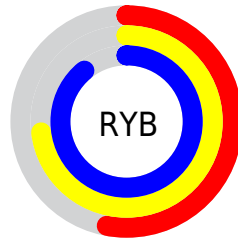
The YUV color $196.3970, 4.2413, -53.8452$ is a light color, and the websafe version is hex $66CCCC$. A complement of this color would be $164.6030, -4.2413, 53.8452$, and the grayscale version is $196.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $236.1630, 9.2866, -38.7310$, and $140.6250, 5.1149, -54.0451$ is the 20% darker color. If you saturate the color by 10%, you get $188.9500, 5.4476, -67.4852$, and if you desaturate by 10%, it is $203.8440, 3.0349, -40.2052$.

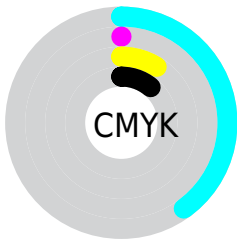
Distribution



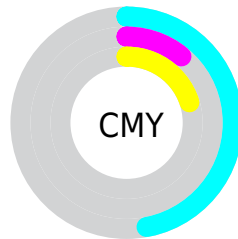
- Red (53%)
- Green (89%)
- Blue (80%)



- Red (53%)
- Yellow (73%)
- Blue (89%)



- Cyan (40%)
- Magenta (0%)
- Yellow (9%)
- Black (11%)



- Cyan (47%)
- Magenta (11%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the YUV color 196.3970, 4.2413, -53.8452 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 196.3970, 4.2413, -53.8452 by changing the saturation by 10% instead.


 196.3970, 4.2413,
-53.8452

 196.3970, 4.2413,
-53.8452

255.0000, 0.0000,
0.0000


 168.5110, 4.6781,
-53.9451


 236.1630, 9.2866,
-38.7310

 140.6250, 5.1149,
-54.0451


 244.8340, 5.0118,
-20.9024

 112.8420, 5.9939,
-55.9894

 253.5050, 0.7370,
-3.0739

 82.4710, 8.6418,
-65.3111

 62.6680, 6.5727,
-54.9598

 46.0720, 3.9085,
-40.4051

 30.0630, 0.9549,

-26.3653

■ 14.5270, -2.7248,
-12.7402

■ 0.0000, 0.0000,
0.0000

■ 196.3970, 4.2413,
-53.8452

■ 196.3970, 4.2413,
-53.8452

■ 188.9500, 5.4476,
-67.4852

■ 203.8440, 3.0349,
-40.2052

■ 181.8020, 6.5066,
-80.5104

■ 210.9920, 1.9759,
-27.1800

■ 174.2410, 7.2762,
-94.0504

■ 218.5530, 1.2064,
-13.6400

■ 167.0930, 8.3352,
-107.0756

■ 225.7010, 0.1474,
-0.6148

■ 159.6460, 9.5415,
-120.7155

■ 233.1480, -1.0590,
13.0252

■ 152.4980, 10.6005,
-133.7407

■ 235.8110, 0.0932,
16.8288

■ 236.4950, 2.7140,
16.2289

■ 237.0650, 4.8980,
15.7290

■ 237.6350, 7.0819,
15.2291

Harmonies

Analogous

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



200.7840, -12.7115, -29.6286



196.3970, 4.2413, -53.8452



194.5490, 20.4353, -68.0105

Triad

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



196.3970, 4.2413, -53.8452



211.0210, 21.6816, -0.8954



209.5370, -24.4217, 39.8711

Complementary

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



196.3970, 4.2413, -53.8452



164.6030, -4.2413, 53.8452

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.



208.0500, -12.3496, 41.1752



196.3970, 4.2413, -53.8452



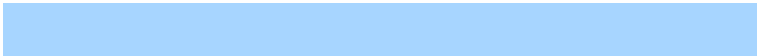
214.2480, 14.1747, 26.9695

Square

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



196.3970, 4.2413, -53.8452



204.0340, 25.1262, -32.4788



210.4100, 1.7699, 39.1054



207.8740, -29.0249, 22.9125

Rectangle

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



196.3970, 4.2413, -53.8452



195.8080, 27.7027, -65.6066



210.4100, 1.7699, 39.1054



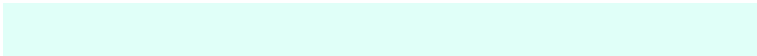
208.4600, -20.9328, 40.8156

Sweetspot

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



196.3970, 4.2413, -53.8452



244.9330, 1.5120, -18.3582



194.6960, -29.4301, -33.9364



122.0480, 0.4693, -10.5661



0.0000, 0.0000, 0.0000



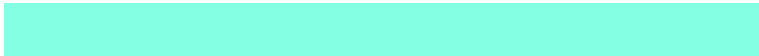
128.0000, 0.0000, 0.0000

Same Dimension

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



196.3970, 4.2413, -53.8452



215.3300, 5.7533, -72.2034



184.7030, 20.3594, -43.5895



108.4830, 0.7479, -6.5626



118.7020, 8.0349, -104.1017



32.3940, 2.2708, -28.4095

Inverse Universe

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



164.6030, -4.2413, 53.8452



172.6700, -5.7533, 72.2034



176.2970, -20.3594, 43.5895



104.6310, -0.3111, 6.4626



57.2980, -8.0349, 104.1017



15.6060, -2.2708, 28.4095

Previews

White Background



This preview shows how the YUV color 196.3970, 4.2413, -53.8452 looks on a white background.

Color Contrast Check

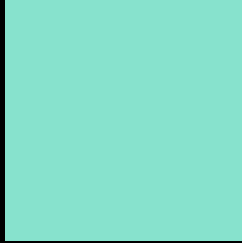
Large Text (above 18pt) WCAG AA × Fail

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 196.3970, 4.2413, -53.8452 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

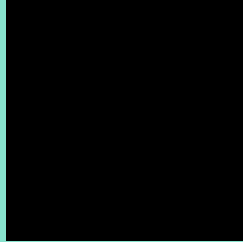
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 196.3970, 4.2413, -53.8452

Background



This preview shows how black text looks on a background with the YUV color 196.3970, 4.2413, -53.8452.



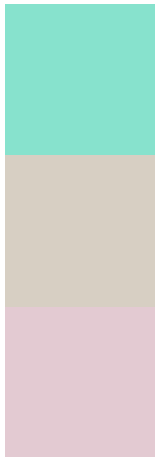
This preview shows how white text looks on a background with the YUV color 196.3970, 4.2413, -53.8452.

-53.8452.

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

196.3970, 4.2413, -53.8452

Protanopia

208.0240, -6.4208, 6.1180

Deuteranopia

210.3870, -0.1908, 14.5696



Tritanopia

200.0290, 19.2127, -49.1374

Trichromacy



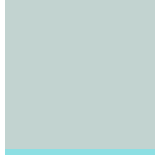
Original Color

196.3970, 4.2413, -53.8452



Protanomaly

203.9180, -2.4246, -15.7141



Deuteranomaly

205.5750, 1.1955, -10.1513



Tritanomaly

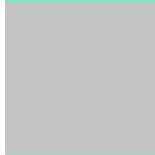
198.9380, 13.8346, -50.8116

Monochromacy



Original Color

196.3970, 4.2413, -53.8452



Achromatopsia

196.0000, 0.0000, 0.0000



Achromatomaly

196.2210, 1.3700, -19.4878

CSS Examples

Text

The CSS property to change the color of the text to YUV 196.3970, 4.2413, -53.8452 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(135, 226, 205)` looks like.

```
.text, #text, p{  
    color:rgb(135, 226, 205)  
}
```

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(135, 226, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 226, 205) }
```

Border

The CSS property to change the border of an element to YUV 196.3970, 4.2413, -53.8452 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(135, 226, 205) }
```


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

```
.border{ border-color:rgb(135, 226, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 226, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 226, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 226, 205);  
box-shadow:4px 4px 4px 4px rgb(135, 226,  
205) }
```

Background

The CSS property to change the background color of an element to YUV 196.3970, 4.2413, -53.8452 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 226, 205) }
```

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

```
.background{ background-color: rgb(135,  
226, 205) }
```

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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