

Converting Colors

YUV(168.5590, -8.1636,
-41.7092)

Have a look what the booklet for
YUV(168.5590, -8.1636, -41.7092)
contains.

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Color

**YUV(168.5590, -8.1636,
-41.7092)**

Conversions

Conversions Part 1

Format	Color
Hex	79C498
RGB	121, 196, 152
RGB Percent	47%, 77%, 60%
CMY	0.5255, 0.2314, 0.4039
CMYK	0.38, 0.00, 0.22, 0.23
HSL	145°, 39%, 62%
HSV	145°, 38%, 77%
XYZ	33.2926, 45.8118, 36.7936
YIQ	168.5590, -30.5760, -29.5840

Conversions

Conversions Part 2

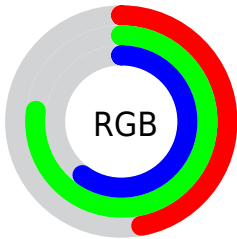
Format	Color
RYB	121, 174, 196
Decimal	7980184
CIELab	73.42, -32.99, 14.87
CIELCh	73, 36.186, 155.731
Yxy	45.8118, 0.2873, 0.3953
Android (android.graphics.Color)	4286170264 (0xFF79C498)
YUV	168.5590, -8.1636, -41.7092
Hunter-Lab	67.6844, -30.6472, 15.1487

Details

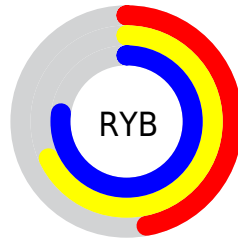
The YUV color **168.5590, -8.1636, -41.7092** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **148.4410, 8.1636, 41.7092**, and the grayscale version is **169.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **224.6190, -9.1792, -42.6389**, and **115.2000, -7.0006, -41.3944** is the 20% darker color. If you saturate the color by 10%, you get **161.3250, -10.0202, -52.9050**, and if you desaturate by 10%, it is **175.7930, -6.3069, -30.5135**.

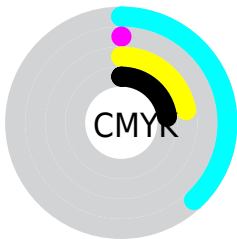
Distribution



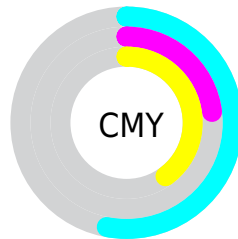
- Red (47%)
- Green (77%)
- Blue (60%)



- Red (47%)
- Yellow (68%)
- Blue (77%)



- Cyan (38%)
- Magenta (0%)
- Yellow (22%)
- Black (23%)



- Cyan (53%)
- Magenta (23%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 168.5590, -8.1636, -41.7092 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 168.5590, -8.1636, -41.7092 by changing the saturation by 10% instead.

■ 168.5590, -8.1636,
-41.7092

■ 168.5590, -8.1636,
-41.7092

255.0000, 0.0000,
0.0000

■ 141.6730, -7.7268,
-41.8092

■ 224.6190, -9.1792,
-42.6389

■ 115.2000, -7.0006,
-41.3944

■ 237.4710, -1.2182,
-29.3541

■ 88.8300, -5.8322,
-42.8239

■ 248.4220, 3.2430,
-13.5251

■ 60.7690, -3.3371,
-49.7864

■ 42.9770, -5.4117,
-37.6908

■ 26.9680, -8.3652,
-23.6509

■ 11.7400, -5.7878,

-10.2960

■ 0.0000, 0.0000,
0.0000

■ 168.5590, -8.1636,
-41.7092

■ 168.5590, -8.1636,
-41.7092

■ 161.3250,
-10.0202, -52.9050

■ 175.7930, -6.3069,
-30.5135

■ 154.2760,
-12.4611, -63.3861

■ 182.8420, -3.8661,
-20.0324

■ 147.0420,
-14.3177, -74.5818

■ 190.0760, -2.0095,
-8.8367

■ 139.9930,
-16.7585, -85.0629

■ 197.1250, 0.4314,
1.6444

■ 132.7590,
-18.6152, -96.2586

■ 204.3590, 2.2880,
12.8402

■ 125.4110,
-20.9086, -107.3544

■ 211.7070, 4.5814,
23.9360

■ 124.2860,
-21.3400, -108.9988

■ 217.7450, 7.0277,
32.6726

■ 219.1130, 12.2693,
31.4729

■ 220.3670, 17.0741,
30.3731

Harmonies

Analogous

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



173.9190, -24.1171, -11.3300



168.5590, -8.1636, -41.7092



161.3500, 12.1525, -71.3439

Triad

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



168.5590, -8.1636, -41.7092



177.3470, 33.8459, -29.2453



182.2920, -19.3710, 53.2409

Complementary

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



168.5590, -8.1636, -41.7092



148.4410, 8.1636, 41.7092

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.



183.8910, -4.3833, 52.7156



168.5590, -8.1636, -41.7092



183.5860, 24.8541, 8.2561

Square

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



168.5590, -8.1636, -41.7092



166.6860, 36.1438, -66.3766



185.2170, 11.2320, 37.5207



180.2720, -29.2211, 39.2265

Rectangle

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



168.5590, -8.1636, -41.7092



157.8780, 24.7101, -85.8390



185.2170, 11.2320, 37.5207



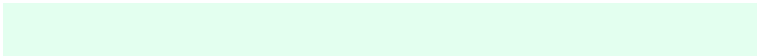
182.8560, -14.7190, 54.5003

Sweetspot

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



168.5590, -8.1636, -41.7092



244.8040, -2.8614, -15.6141



178.4800, -28.3376, -10.9450



121.7770, -1.8621, -9.4514



0.0000, 0.0000, 0.0000



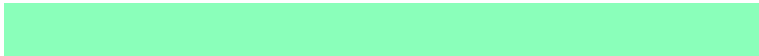
128.0000, 0.0000, 0.0000

Same Dimension

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



168.5590, -8.1636, -41.7092



212.1510, -12.8924, -65.0304



172.7770, 7.9979, -45.4084



93.3260, -1.1467, -5.5479



102.0310, -17.7633, -89.4812



20.9670, -3.4347, -18.3881

Inverse Universe

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



148.4410, 8.1636, 41.7092



180.8490, 12.8924, 65.0304



144.3370, -7.5611, 45.3085



90.6740, 1.1467, 5.5479



58.8550, 17.3265, 89.5812



12.0330, 3.4347, 18.3881

Previews

White Background



This preview shows how the YUV color 168.5590, -8.1636, -41.7092 looks on a white background.

Color Contrast Check

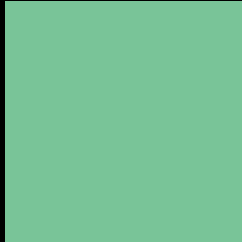
Large Text (above 18pt) WCAG AA × Fail

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 168.5590, -8.1636, -41.7092 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

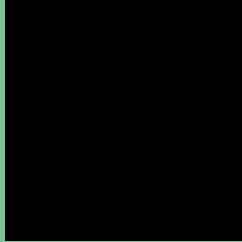
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 168.5590, -8.1636, -41.7092

Background



This preview shows how black text looks on a background with the YUV color 168.5590, -8.1636, -41.7092.



This preview shows how white text looks on a background with the YUV color 168.5590, -8.1636, -41.7092.

-41.7092.

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

168.5590, -8.1636, -41.7092

Protanopia

178.5980, -17.0568, 10.8766

Deuteranopia

180.7440, -11.7058, 21.2725



Tritanopia

173.9660, 14.8068, -35.9272

Trichromacy



Original Color

168.5590, -8.1636, -41.7092

Protanomaly

174.9870, -13.7976, -7.8816

Deuteranomaly

175.9430, -10.3249, -1.7040

Tritanomaly

172.3650, 6.2291, -38.0311

Monochromacy



Original Color

168.5590, -8.1636, -41.7092

Achromatopsia

169.0000, 0.0000, 0.0000

Achromatomaly

169.1030, -3.0088, -14.9993

CSS Examples

Text

The CSS property to change the color of the text to YUV 168.5590, -8.1636, -41.7092 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(121, 196, 152)` looks like.

```
.text, #text, p{  
    color:rgb(121, 196, 152)  
}
```

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(121, 196, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 196, 152) }
```

Border

The CSS property to change the border of an element to YUV 168.5590, -8.1636, -41.7092 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(121, 196, 152) }
```


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

```
.border{ border-color:rgb(121, 196, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 196, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(121, 196, 152); -webkit-box-shadow:4px 4px 4px 4px rgb(121, 196, 152); box-shadow:4px 4px 4px 4px rgb(121, 196, 152) }
```

Background

The CSS property to change the background color of an element to YUV 168.5590, -8.1636, -41.7092 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 196, 152) }
```

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

```
.background{ background-color: rgb(121,  
196, 152) }
```

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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