

Converting Colors

YUV(188.0210, -12.3354,
-57.0234)

Have a look what the booklet for
YUV(188.0210, -12.3354, -57.0234)
contains.

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Color

**YUV(188.0210, -12.3354,
-57.0234)**

Conversions

Conversions Part 1

Format	Color
Hex	7BE2A3
RGB	123, 226, 163
RGB Percent	48%, 89%, 64%
CMY	0.5176, 0.1137, 0.3608
CMYK	0.46, 0.00, 0.28, 0.11
HSL	143°, 64%, 68%
HSV	143°, 46%, 89%
XYZ	41.9756, 61.2480, 44.2600
YIQ	188.0210, -41.1650, -41.4290

Conversions

Conversions Part 2

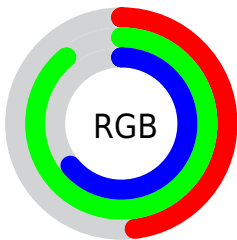
Format	Color
RYB	123, 197, 226
Decimal	8118947
CIELab	82.51, -43.86, 21.69
CIELCh	83, 48.928, 153.680
Yxy	61.2480, 0.2846, 0.4153
Android (android.graphics.Color)	4286309027 (0xFF7BE2A3)
YUV	188.0210, -12.3354, -57.0234
Hunter-Lab	78.2611, -41.2179, 21.2517

Details

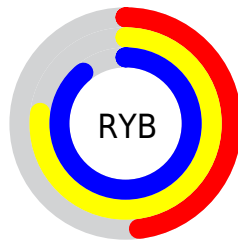
The YUV color **188.0210, -12.3354, -57.0234** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **160.9790, 12.3354, 57.0234**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **228.3570, -5.1060, -42.4091**, and **131.8790, -10.2933, -58.6529** is the 20% darker color. If you saturate the color by 10%, you get **179.5480, -15.0602, -69.7636**, and if you desaturate by 10%, it is **196.4940, -9.6105, -44.2832**.

Distribution



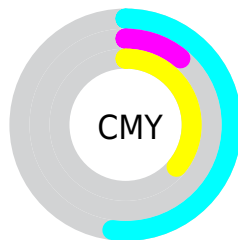
- Red (48%)
- Green (89%)
- Blue (64%)



- Red (48%)
- Yellow (77%)
- Blue (89%)



- Cyan (46%)
- Magenta (0%)
- Yellow (28%)
- Black (11%)



- Cyan (52%)
- Magenta (11%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 188.0210, -12.3354, -57.0234 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 188.0210, -12.3354, -57.0234 by changing the saturation by 10% instead.

■ 188.0210,
-12.3354, -57.0234

■ 188.0210,
-12.3354, -57.0234

255.0000, 0.0000,
0.0000

■ 160.2490,
-11.4618, -57.2234

■ 228.3570, -5.1060,
-42.4091

■ 131.8790,
-10.2933, -58.6529

■ 240.3340, 3.2863,
-27.4799

■ 103.3130, -8.5353,
-62.5415

■ 250.2160, 2.3585,
-9.8364

■ 75.8610, -6.3405,
-66.5301

■ 57.9770, -8.8627,
-50.8458

■ 41.3810, -11.5268,
-36.2911

■ 25.8280, -12.7332,

-22.6512

■ 9.3920, -4.6303,
-8.2368

■ 0.0000, 0.0000,
0.0000

■ 188.0210,
-12.3354, -57.0234

■ 188.0210,
-12.3354, -57.0234

■ 179.5480,
-15.0602, -69.7636

■ 196.4940, -9.6105,
-44.2832

■ 171.3740,
-17.9324, -81.8890

■ 204.6680, -6.7383,
-32.1578

■ 163.0150,
-20.2204, -94.7292

■ 213.0270, -4.4503,
-19.3177

■ 154.8410,
-23.0926, -106.8546

■ 221.2010, -1.5781,
-7.1923

■ 146.3680,
-25.8174, -119.5947

■ 229.6740, 1.1467,
5.5479

■ 142.6940,
-26.9641, -125.1426

■ 236.9510, 4.4612,
15.8290

■ 237.9770, 8.3923,
14.9292

Harmonies

Analogous

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



196.5630, -34.2946, -13.6488



188.0210, -12.3354, -57.0234



168.2300, 20.5926, -118.5967

Triad

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



188.0210, -12.3354, -57.0234



194.2220, 29.9636, -44.0447



196.2810, -19.3655, 51.4966

Complementary

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



188.0210, -12.3354, -57.0234



160.9790, 12.3354, 57.0234

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.



197.7750, 1.5899, 50.1863



188.0210, -12.3354, -57.0234



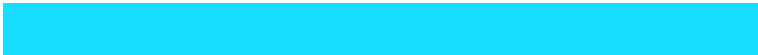
206.0700, 24.1225, 9.5856

Square

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



188.0210, -12.3354, -57.0234



165.3750, 44.1851, -125.7399



207.1280, 19.6569, 41.9837



200.7370, -37.8313, 47.5887

Rectangle

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



188.0210, -12.3354, -57.0234



161.8970, 38.9978, -141.9837



207.1280, 19.6569, 41.9837



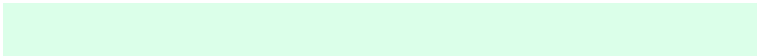
196.1160, -12.3822, 51.6413

Sweetspot

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



188.0210, -12.3354, -57.0234



241.7280, -4.3029, -19.9325



202.5970, -39.2413, -13.6786



119.8260, -2.8722, -12.1254



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.



188.0210, -12.3354, -57.0234



203.3360, -16.9276, -77.4707



193.8350, 9.9413, -62.1223



107.9130, -1.4361, -6.0627



111.0640, -21.2306, -97.4031



30.3420, -5.5916, -26.6099

Inverse Universe

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



160.9790, 12.3354, 57.0234



166.6640, 16.9276, 77.4707



155.1650, -9.9413, 62.1223



105.0870, 1.4361, 6.0627



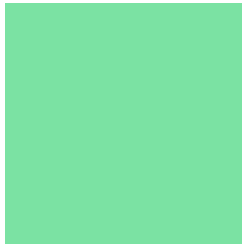
64.9360, 21.2306, 97.4031



17.7720, 6.0284, 26.5100

Previews

White Background



This preview shows how the YUV color 188.0210, -12.3354, -57.0234 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 188.0210, -12.3354, -57.0234 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

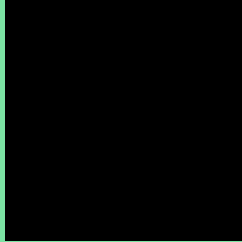
Any Text WCAG AA ✓ Pass

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 188.0210, -12.3354, -57.0234 Background



This preview shows how black text looks on a background with the YUV color 188.0210, -12.3354, -57.0234.



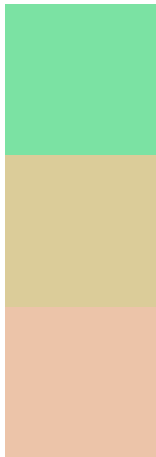
This preview shows how white text looks on a background with the YUV color 188.0210, -12.3354, -57.0234.

-57.0234.

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

188.0210, -12.3354, -57.0234

Protanopia

202.6710, -24.4878, 14.3205

Deuteranopia

204.8820, -17.6898, 27.2905



Tritanopia

195.9150, 18.7759, -49.0375

Trichromacy



Original Color

188.0210, -12.3354, -57.0234



Protanomaly

197.3580, -19.8965, -11.7150



Deuteranomaly

198.8520, -15.7030, -3.3782



Tritanomaly

192.9180, 7.4354, -51.6711

Monochromacy



Original Color

188.0210, -12.3354, -57.0234



Achromatopsia

188.0000, 0.0000, 0.0000



Achromatomaly

188.0160, -4.4449, -21.0620

CSS Examples

Text

The CSS property to change the color of the text to YUV 188.0210, -12.3354, -57.0234 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(123, 226, 163)` looks like.

```
.text, #text, p{  
    color:rgb(123, 226, 163)  
}
```

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(123, 226, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 226, 163) }
```

Border

The CSS property to change the border of an element to YUV 188.0210, -12.3354, -57.0234 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(123, 226, 163) }
```


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

```
.border{ border-color:rgb(123, 226, 163) }
```

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

Here you see how a box with a 4 pixel rgb(123, 226, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 226, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 226, 163);  
box-shadow:4px 4px 4px 4px rgb(123, 226,  
163) }
```

Background

The CSS property to change the background color of an element to YUV 188.0210, -12.3354, -57.0234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 226, 163) }
```

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

```
.background{ background-color: rgb(123,  
226, 163) }
```

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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