

Converting Colors

YUV(164.3160, -12.9738,
-38.8651)

Have a look what the booklet for
YUV(164.3160, -12.9738, -38.8651)
contains.

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Color

**YUV(164.3160, -12.9738,
-38.8651)**

Conversions

Conversions Part 1

Format	Color
Hex	78C08A
RGB	120, 192, 138
RGB Percent	47%, 75%, 54%
CMY	0.5294, 0.2471, 0.4588
CMYK	0.38, 0.00, 0.28, 0.25
HSL	135°, 36%, 61%
HSV	135°, 38%, 75%
XYZ	31.1828, 43.5273, 30.8029
YIQ	164.3160, -25.5780, -32.0580

Conversions

Conversions Part 2

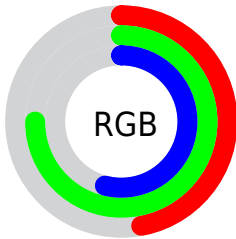
Format	Color
RYB	120, 178, 192
Decimal	7913610
CIELab	71.91, -34.08, 20.28
CIElCh	72, 39.657, 149.246
Yxy	43.5273, 0.2955, 0.4125
Android (android.graphics.Color)	4286103690 (0xFF78C08A)
YUV	164.3160, -12.9738, -38.8651
Hunter-Lab	65.9752, -31.0897, 18.5010

Details

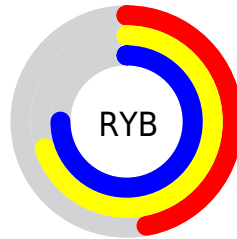
The YUV color **164.3160, -12.9738, -38.8651** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **147.6840, 12.9738, 38.8651**, and the grayscale version is **164.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **220.3760, -13.9894, -39.7948**, and **111.0710, -11.3740, -38.6503** is the 20% darker color. If you saturate the color by 10%, you get **157.0390, -16.2882, -49.1462**, and if you desaturate by 10%, it is **171.5930, -9.6593, -28.5841**.

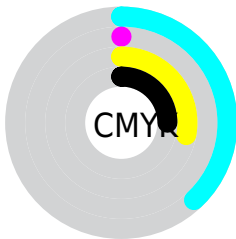
Distribution



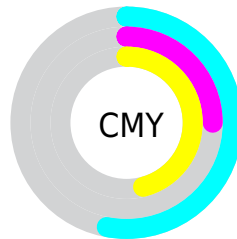
- Red (47%)
- Green (75%)
- Blue (54%)



- Red (47%)
- Yellow (70%)
- Blue (75%)



- Cyan (38%)
- Magenta (0%)
- Yellow (28%)
- Black (25%)



- Cyan (53%)
- Magenta (25%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YUV color 164.3160, -12.9738, -38.8651 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 164.3160, -12.9738, -38.8651 by changing the saturation by 10% instead.

■ 164.3160,
-12.9738, -38.8651

■ 164.3160,
-12.9738, -38.8651

255.0000, 0.0000,
0.0000

■ 137.4300,
-12.5370, -38.9651

■ 220.3760,
-13.9894, -39.7948

■ 111.0710,
-11.3740, -38.6503

■ 235.4620, -7.6228,
-28.4692

■ 85.0000, -10.3530,
-39.4650

■ 247.3250, 0.3328,
-13.4400

■ 57.2380, -8.0053,
-45.8127

■ 39.2610, -9.4957,
-34.4319

■ 24.0670, -11.8650,
-21.1068

■ 7.6310, -3.7621,

-6.6924

■ 0.0000, 0.0000,
0.0000

■ 164.3160,
-12.9738, -38.8651

■ 164.3160,
-12.9738, -38.8651

■ 157.0390,
-16.2882, -49.1462

■ 171.5930, -9.6593,
-28.5841

■ 149.6480,
-20.0395, -59.3273

■ 178.9840, -5.9081,
-18.4030

■ 142.0720,
-23.2065, -70.2231

■ 186.5600, -2.7411,
-7.5071

■ 134.6810,
-26.9577, -80.4042

■ 193.9510, 1.0102,
2.6740

■ 127.4040,
-30.2722, -90.6853

■ 201.2280, 4.3246,
12.9550

■ 120.1270,
-33.5866, -100.9664

■ 208.5050, 7.6390,
23.2361

■ 118.1760,
-34.5968, -103.6404

■ 215.8960, 11.3903,
33.4172

■ 217.7910, 17.3580,
32.6323

■ 218.0190, 18.2316,
32.4323

Harmonies

Analogous

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



170.1000, -28.6433, -6.2267



164.3160, -12.9738, -38.8651



154.9320, 9.4005, -75.3624

Triad

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



164.3160, -12.9738, -38.8651



170.1110, 38.3993, -43.0703



178.1940, -17.3506, 58.5889

Complementary

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



164.3160, -12.9738, -38.8651



147.6840, 12.9738, 38.8651

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.



179.9390, -0.4629, 55.3045



164.3160, -12.9738, -38.8651



178.7960, 29.6806, 0.1789

Square

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



164.3160, -12.9738, -38.8651



153.9110, 41.4559, -90.2529



181.4600, 16.0422, 34.6766



176.3870, -30.2638, 47.0186

Rectangle

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



164.3160, -12.9738, -38.8651



144.3270, 26.9538, -105.5268



181.4600, 16.0422, 34.6766



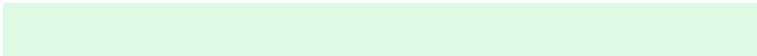
178.8720, -12.2619, 59.7483

Sweetspot

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



164.3160, -12.9738, -38.8651



239.2340, -5.0454, -15.1142



178.4100, -28.7961, -3.8676



118.8480, -2.8831, -8.6367



252.0000, 0.0000, 0.0000



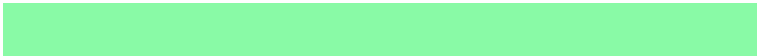
125.0000, 0.0000, 0.0000

Same Dimension

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



164.3160, -12.9738, -38.8651



206.6370, -20.0340, -61.0716



168.4200, 2.7509, -42.4643



93.2120, -1.5835, -5.4479



99.0670, -29.1200, -86.8818



20.2830, -6.0555, -17.7882

Inverse Universe

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



147.6840, 12.9738, 38.8651



180.4770, 20.4708, 60.9717



143.5800, -2.7509, 42.4643



90.7880, 1.5835, 5.4479



61.8190, 28.6832, 86.9817



12.7170, 6.0555, 17.7882

Previews

White Background



This preview shows how the YUV color 164.3160, -12.9738, -38.8651 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 164.3160, -12.9738, -38.8651 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

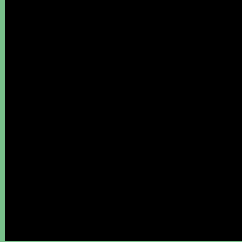
Any Text WCAG AA ✓ Pass

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 164.3160, -12.9738, -38.8651 Background



This preview shows how black text looks on a background with the YUV color 164.3160, -12.9738, -38.8651.



This preview shows how white text looks on a background with the YUV color 164.3160, -12.9738, -38.8651.

-38.8651.

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

164.3160, -12.9738, -38.8651

Protanopia

173.7570, -21.5722, 12.4911

Deuteranopia

176.2020, -16.3686, 23.5018



Tritanopia

170.4610, 14.0697, -32.8533

Trichromacy



Original Color

164.3160, -12.9738, -38.8651

Protanomaly

170.1460, -18.3130, -6.2670

Deuteranomaly

171.7000, -15.1351, 1.1401

Tritanomaly

168.2190, 4.3290, -35.2721

Monochromacy



Original Color

164.3160, -12.9738, -38.8651

Achromatopsia

164.0000, 0.0000, 0.0000

Achromatomaly

164.0600, -4.4666, -14.0846

CSS Examples

Text

The CSS property to change the color of the text to YUV 164.3160, -12.9738, -38.8651 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(120, 192, 138)` looks like.

```
.text, #text, p{  
    color:rgb(120, 192, 138)  
}
```

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(120, 192, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 192, 138) }
```

Border

The CSS property to change the border of an element to YUV 164.3160, -12.9738, -38.8651 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(120, 192, 138) }
```


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

```
.border{ border-color:rgb(120, 192, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 192, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(120, 192, 138); -webkit-box-shadow:4px 4px 4px 4px rgb(120, 192, 138); box-shadow:4px 4px 4px 4px rgb(120, 192, 138) }
```

Background

The CSS property to change the background color of an element to YUV 164.3160, -12.9738, -38.8651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 192, 138) }
```

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

```
.background{ background-color: rgb(120,  
192, 138) }
```

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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