

Converting Colors

YUV(164.2050, -4.5381,
-37.8908)

Have a look what the booklet for
YUV(164.2050, -4.5381, -37.8908)
contains.

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Color

**YUV(164.2050, -4.5381,
-37.8908)**

Conversions

Conversions Part 1

Format	Color
Hex	79BC9B
RGB	121, 188, 155
RGB Percent	47%, 74%, 61%
CMY	0.5255, 0.2627, 0.3922
CMYK	0.36, 0.00, 0.18, 0.26
HSL	150°, 33%, 61%
HSV	150°, 36%, 74%
XYZ	31.7848, 42.3979, 37.5187
YIQ	164.2050, -29.3390, -24.4670

Conversions

Conversions Part 2

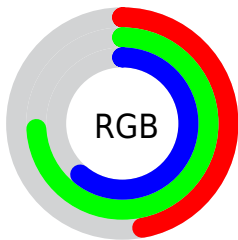
Format	Color
RYB	121, 165, 188
Decimal	7978139
CIELab	71.14, -28.57, 10.03
CIELCh	71, 30.280, 160.646
Yxy	42.3979, 0.2846, 0.3796
Android (android.graphics.Color)	4286168219 (0xFF79BC9B)
YUV	164.2050, -4.5381, -37.8908
Hunter-Lab	65.1137, -26.8155, 11.4165

Details

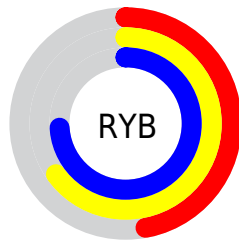
The YUV color **164.2050, -4.5381, -37.8908** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **144.7950, 4.5381, 37.8908**, and the grayscale version is **164.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **219.9660, -5.4062, -39.4352**, and **111.1450, -3.5225, -36.9612** is the 20% darker color. If you saturate the color by 10%, you get **157.4980, -5.6685, -48.6717**, and if you desaturate by 10%, it is **170.9120, -3.4076, -27.1098**.

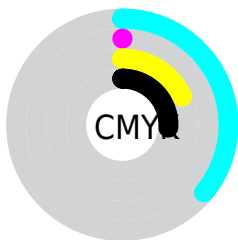
Distribution



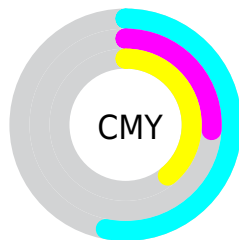
- Red (47%)
- Green (74%)
- Blue (61%)



- Red (47%)
- Yellow (65%)
- Blue (74%)



- Cyan (36%)
- Magenta (0%)
- Yellow (18%)
- Black (26%)




- Cyan (53%)
- Magenta (26%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the YUV color 164.2050, -4.5381, -37.8908 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 164.2050, -4.5381, -37.8908 by changing the saturation by 10% instead.

 164.2050, -4.5381,
-37.8908

 164.2050, -4.5381,
-37.8908


255.0000, 0.0000,
0.0000


 137.6180, -4.2487,
-37.3760


 219.9660, -5.4062,
-39.4352


 111.1450, -3.5225,
-36.9612


 237.8130, 0.0922,
-29.6540

 85.6610, -2.7909,
-38.2907

 248.1230, 3.3904,
-14.1399

 59.0950, -1.0328,
-42.1793

 39.2100, -2.0755,
-34.3872

 23.9020, -4.8817,
-20.9621

 4.6960, -2.3151,

-4.1184

■ 0.0000, 0.0000,
0.0000

■ 164.2050, -4.5381,
-37.8908

■ 164.2050, -4.5381,
-37.8908

■ 157.4980, -5.6685,
-48.6717

■ 170.9120, -3.4076,
-27.1098

■ 150.6770, -7.2358,
-59.3527

■ 177.7330, -1.8404,
-16.4288

■ 144.2690, -8.5136,
-69.5189

■ 184.1410, -0.5625,
-6.2627

■ 137.5620, -9.6441,
-80.2999

■ 190.8480, 0.5679,
4.5183

■ 130.8550,
-10.7745, -91.0808

■ 197.5550, 1.6984,
15.2993

■ 124.0340,
-12.3418, -101.7618

■ 204.3760, 3.2656,
25.9802

■ 121.1860,
-12.9097, -106.2801

■ 211.0830, 4.3961,
36.7612

■ 212.7070, 8.0324,
37.0910

■ 213.7330, 11.9636,
36.1912

Harmonies

Analogous

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



168.2160, -17.8545, -13.3444



164.2050, -4.5381, -37.8908



159.9110, 11.3829, -57.8039

Triad

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



164.2050, -4.5381, -37.8908



173.2900, 26.9720, -17.7943



176.2800, -17.8860, 43.6044

Complementary

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



164.2050, -4.5381, -37.8908



144.7950, 4.5381, 37.8908

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.



177.6790, -6.2507, 45.0085



164.2050, -4.5381, -37.8908



178.0010, 18.7335, 11.4001

Square

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



164.2050, -4.5381, -37.8908



166.3850, 29.3902, -46.8186



178.4570, 7.1697, 33.8022



173.9550, -25.1208, 30.7345

Rectangle

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



164.2050, -4.5381, -37.8908



159.5710, 20.4245, -64.5218



178.4570, 7.1697, 33.8022



176.5020, -14.5445, 45.1637

Sweetspot

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



164.2050, -4.5381, -37.8908



235.4450, -1.6984, -15.2993



170.4950, -24.4010, -13.5891



116.4180, -0.6991, -9.1366



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



164.2050, -4.5381, -37.8908



207.6770, -7.2358, -59.3527



167.9670, 9.8763, -41.1901



90.8530, -0.4205, -5.1331



101.8660, -10.7799, -89.3365



20.0210, -1.9824, -17.5584

Inverse Universe

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



144.7950, 4.5381, 37.8908



177.2090, 6.7990, 59.4527



141.0330, -9.8763, 41.1901



88.2610, 0.8573, 5.0331



56.1340, 10.7799, 89.3365



10.9790, 1.9824, 17.5584

Previews

White Background



This preview shows how the YUV color 164.2050, -4.5381, -37.8908 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 164.2050, -4.5381, -37.8908 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

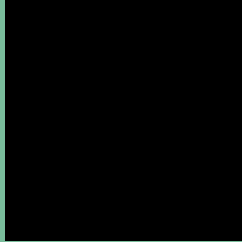
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 164.2050, -4.5381, -37.8908

Background



This preview shows how black text looks on a background with the YUV color 164.2050, -4.5381, -37.8908.



This preview shows how white text looks on a background with the YUV color 164.2050, -4.5381, -37.8908.

-37.8908.

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

164.2050, -4.5381, -37.8908

Protanopia

172.7270, -12.6834, 8.1324

Deuteranopia

174.4600, -7.6218, 18.0136



Tritanopia

168.1620, 14.2171, -33.4681

Trichromacy



Original Color

164.2050, -4.5381, -37.8908

Protanomaly

169.4260, -9.5770, -8.2666

Deuteranomaly

170.9690, -6.3937, -2.6038

Tritanomaly

166.7290, 7.5286, -34.8423

Monochromacy



Original Color

164.2050, -4.5381, -37.8908

Achromatopsia

164.0000, 0.0000, 0.0000

Achromatomaly

164.1570, -1.5564, -14.1697

CSS Examples

Text

The CSS property to change the color of the text to YUV 164.2050, -4.5381, -37.8908 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, 188, 155)` looks like.

```
.text, #text, p{  
    color:rgb(121, 188, 155)  
}
```

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, 188, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 188, 155) }
```

Border

The CSS property to change the border of an element to YUV 164.2050, -4.5381, -37.8908 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, 188, 155) }
```


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

```
.border{ border-color:rgb(121, 188, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 188, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 188, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 188, 155);  
box-shadow:4px 4px 4px 4px rgb(121, 188,  
155) }
```

Background

The CSS property to change the background color of an element to YUV 164.2050, -4.5381, -37.8908 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 188, 155) }
```

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

```
.background{ background-color: rgb(121,  
188, 155) }
```

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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