

Converting Colors

YUV(162.8510, -21.1255,
-37.5803)

Have a look what the booklet for
YUV(162.8510, -21.1255, -37.5803)
contains.

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Color

**YUV(162.8510, -21.1255,
-37.5803)**

Conversions

Conversions Part 1

Format	Color
Hex	78C178
RGB	120, 193, 120
RGB Percent	47%, 76%, 47%
CMY	0.5294, 0.2431, 0.5294
CMYK	0.38, 0.00, 0.38, 0.24
HSL	120°, 37%, 61%
HSV	120°, 38%, 76%
XYZ	30.2059, 43.4891, 24.5715
YIQ	162.8510, -20.0750, -38.1790

Conversions

Conversions Part 2

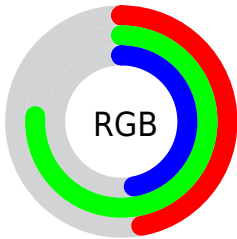
Format	Color
RYB	120, 193, 193
Decimal	7913848
CIELab	71.89, -37.61, 29.76
CIELCh	72, 47.960, 141.642
Yxy	43.4891, 0.3074, 0.4426
Android (android.graphics.Color)	4286103928 (0xFF78C178)
YUV	162.8510, -21.1255, -37.5803
Hunter-Lab	65.9462, -33.6462, 24.0710

Details

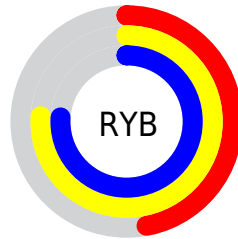
The YUV color **162.8510, -21.1255, -37.5803** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **150.1490, 21.1255, 37.5803**, and the grayscale version is **163.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **218.7970, -22.5779, -38.4100**, and **109.6060, -19.5258, -37.3655** is the 20% darker color. If you saturate the color by 10%, you get **155.0040, -26.6240, -47.3615**, and if you desaturate by 10%, it is **170.6980, -15.6271, -27.7991**.

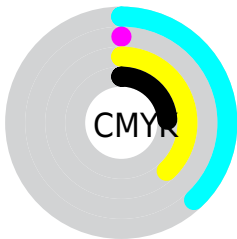
Distribution



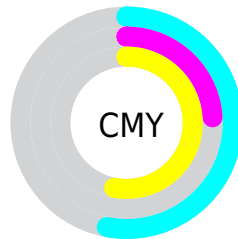
- Red (47%)
- Green (76%)
- Blue (47%)



- Red (47%)
- Yellow (76%)
- Blue (76%)



- Cyan (38%)
- Magenta (0%)
- Yellow (38%)
- Black (24%)



- Cyan (53%)
- Magenta (24%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 162.8510, -21.1255, -37.5803 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 162.8510, -21.1255, -37.5803 by changing the saturation by 10% instead.

■ 162.8510,
-21.1255, -37.5803

■ 162.8510,
-21.1255, -37.5803

255.0000, 0.0000,
0.0000

■ 136.0790,
-20.2519, -37.7803

■ 218.7970,
-22.5779, -38.4100

■ 109.6060,
-19.5258, -37.3655

■ 233.2960,
-15.9219, -26.5696

■ 83.3500, -17.9206,
-38.8950

■ 245.1590, -7.9664,
-11.5404

■ 54.6910, -15.1307,
-47.0870

■ 37.5680, -18.5210,
-32.9471

■ 24.6540, -12.1544,
-21.6216

■ 7.6310, -3.7621,

-6.6924

■ 0.0000, 0.0000,
0.0000

■ 162.8510,
-21.1255, -37.5803

■ 162.8510,
-21.1255, -37.5803

■ 155.0040,
-26.6240, -47.3615

■ 170.6980,
-15.6271, -27.7991

■ 146.7440,
-32.4118, -57.6575

■ 178.9580, -9.8393,
-17.5032

■ 138.8970,
-37.9102, -67.4387

■ 186.8050, -4.3409,
-7.7220

■ 131.0500,
-43.4086, -77.2198

■ 194.6520, 1.1576,
2.0592

■ 122.7900,
-49.1965, -87.5158

■ 202.9120, 6.9454,
12.3552

■ 114.9430,
-54.6949, -97.2970

■ 210.7590, 12.4438,
22.1364

■ 113.2910,
-55.8525, -99.3562

■ 218.6060, 17.9422,
31.9175

Harmonies

Analogous

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



169.0380, -37.9797, 1.7207



162.8510, -21.1255, -37.5803



147.2520, 7.2708, -92.3060

Triad

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



162.8510, -21.1255, -37.5803



158.3070, 47.6696, -76.5682



176.2430, -14.9098, 69.0699

Complementary

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



162.8510, -21.1255, -37.5803



150.1490, 21.1255, 37.5803

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.



179.7750, 5.0409, 63.3413



162.8510, -21.1255, -37.5803



176.4120, 38.7439, -13.5163

Square

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



162.8510, -21.1255, -37.5803



141.6940, 50.4369, -124.2656



181.6260, 24.3414, 32.7770



176.0790, -33.0699, 60.4437

Rectangle

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



162.8510, -21.1255, -37.5803



138.7010, 26.2764, -121.6408



181.6260, 24.3414, 32.7770



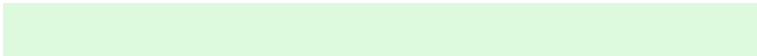
176.7790, -7.7790, 68.5998

Sweetspot

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



162.8510, -21.1255, -37.5803



238.4360, -8.1029, -14.4144



184.6780, -31.8863, 7.2984



118.3920, -4.6303, -8.2368



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.



162.8510, -21.1255, -37.5803



203.3310, -32.7012, -58.1723



166.9550, -5.4008, -41.1795



92.8700, -2.8939, -5.1480



94.5070, -46.5920, -82.8826



19.3710, -9.5499, -16.9884

Inverse Universe

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



150.1490, 21.1255, 37.5803



183.6690, 32.7012, 58.1723



145.9310, 4.9640, 41.2795



91.1300, 2.8939, 5.1480



66.4930, 46.5920, 82.8826



13.6290, 9.5499, 16.9884

Previews

White Background



This preview shows how the YUV color 162.8510, -21.1255, -37.5803 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 162.8510, -21.1255, -37.5803 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 162.8510, -21.1255, -37.5803 Background



This preview shows how black text looks on a background with the YUV color 162.8510, -21.1255, -37.5803.



This preview shows how white text looks on a background with the YUV color 162.8510, -21.1255, -37.5803.

-37.5803.

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

162.8510, -21.1255, -37.5803

Protanopia

172.7160, -29.4400, 16.0351

Deuteranopia

175.1720, -24.2418, 28.7902



Tritanopia

170.9450, 13.3381, -31.5238

Trichromacy



Original Color

162.8510, -21.1255, -37.5803

Protanomaly

169.3930, -26.3227, -3.8527

Deuteranomaly

170.6590, -23.0029, 4.6841

Tritanomaly

168.0190, 0.9766, -33.3427

Monochromacy



Original Color

162.8510, -21.1255, -37.5803

Achromatopsia

163.0000, 0.0000, 0.0000

Achromatomaly

162.8490, -7.8136, -13.8996

CSS Examples

Text

The CSS property to change the color of the text to YUV 162.8510, -21.1255, -37.5803 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, 193, 120)` looks like.

```
.text, #text, p{  
    color:rgb(120, 193, 120)  
}
```

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, 193, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 193, 120) }
```

Border

The CSS property to change the border of an element to YUV 162.8510, -21.1255, -37.5803 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, 193, 120) }
```


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

```
.border{ border-color:rgb(120, 193, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 193, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 193, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 193, 120);  
box-shadow:4px 4px 4px 4px rgb(120, 193,  
120) }
```

Background

The CSS property to change the background color of an element to YUV 162.8510, -21.1255, -37.5803 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 193, 120) }
```

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

```
.background{ background-color: rgb(120,  
193, 120) }
```

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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