

Converting Colors

YUV(163.2420, -20.8253,
-40.5542)

Have a look what the booklet for
YUV(163.2420, -20.8253, -40.5542)
contains.

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Color

**YUV(163.2420, -20.8253,
-40.5542)**

Conversions

Conversions Part 1

Format	Color
Hex	75C379
RGB	117, 195, 121
RGB Percent	46%, 76%, 47%
CMY	0.5412, 0.2353, 0.5255
CMYK	0.40, 0.00, 0.38, 0.24
HSL	123°, 39%, 61%
HSV	123°, 40%, 76%
XYZ	30.3024, 44.1926, 25.0221
YIQ	163.2420, -22.7340, -39.5500

Conversions

Conversions Part 2

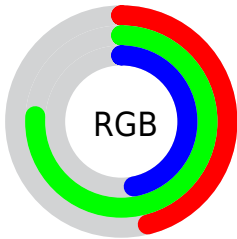
Format	Color
RYB	117, 191, 195
Decimal	7717753
CIELab	72.36, -39.28, 29.84
CIELCh	72, 49.324, 142.779
Yxy	44.1926, 0.3045, 0.4441
Android (android.graphics.Color)	4285907833 (0xFF75C379)
YUV	163.2420, -20.8253, -40.5542
Hunter-Lab	66.4775, -34.9701, 24.2176

Details

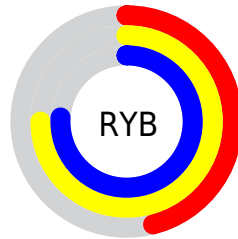
The YUV color **163.2420, -20.8253, -40.5542** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **148.7580, 20.8253, 40.5542**, and the grayscale version is **163.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **219.1880, -22.2777, -41.3839**, and **109.6980, -19.0781, -40.9541** is the 20% darker color. If you saturate the color by 10%, you get **155.3950, -26.3237, -50.3354**, and if you desaturate by 10%, it is **170.9750, -15.7637, -30.6731**.

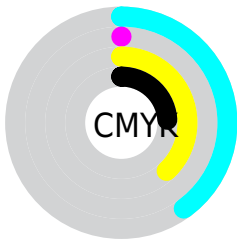
Distribution



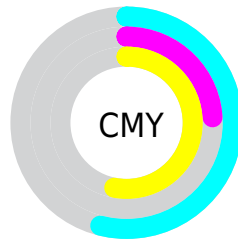
- Red (46%)
- Green (76%)
- Blue (47%)



- Red (46%)
- Yellow (75%)
- Blue (76%)



- Cyan (40%)
- Magenta (0%)
- Yellow (38%)
- Black (24%)



- Cyan (54%)
- Magenta (24%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 163.2420, -20.8253, -40.5542 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 163.2420, -20.8253, -40.5542 by changing the saturation by 10% instead.

■ 163.2420,
-20.8253, -40.5542

■ 163.2420,
-20.8253, -40.5542

255.0000, 0.0000,
0.0000

■ 135.8830,
-19.6623, -40.2394

■ 219.1880,
-22.2777, -41.3839

■ 109.6980,
-19.0781, -40.9541

■ 232.8120,
-15.1903, -27.8991

■ 83.1430, -17.3255,
-43.0984

■ 244.3760, -7.0874,
-13.4848

■ 55.5660, -15.5620,
-48.7314

■ 38.1550, -18.8104,
-33.4619

■ 25.2410, -12.4438,
-22.1364

■ 8.8050, -4.3409,

-7.7220

■ 0.0000, 0.0000,
0.0000

■ 163.2420,
-20.8253, -40.5542

■ 163.2420,
-20.8253, -40.5542

■ 155.3950,
-26.3237, -50.3354

■ 170.9750,
-15.7637, -30.6731

■ 147.3630,
-31.2380, -60.8314

■ 179.1210,
-10.4127, -20.2771

■ 139.5160,
-36.7364, -70.6125

■ 187.2670, -5.0616,
-9.8812

■ 131.4840,
-41.6506, -81.1085

■ 195.0000, 0.0000,
0.0000

■ 123.3380,
-47.0016, -91.5044

■ 203.1460, 5.3510,
10.3960

■ 115.6050,
-52.0633, -101.3856

■ 210.8790, 10.4127,
20.2771

■ 219.0250, 15.7637,
30.6731

■ 219.7800, 17.3635,
30.8879

Harmonies

Analogous

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



169.7990, -38.8479, 0.1763



163.2420, -20.8253, -40.5542



143.6850, 10.5083, -104.0867

Triad

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



163.2420, -20.8253, -40.5542



158.8940, 47.3803, -77.0830



176.1290, -15.3466, 69.1699

Complementary

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



163.2420, -20.8253, -40.5542



148.7580, 20.8253, 40.5542

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.



180.6720, 4.5987, 65.1857



163.2420, -20.8253, -40.5542



177.8960, 38.0123, -12.1868

Square

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



163.2420, -20.8253, -40.5542



143.3240, 51.6053, -125.6951



183.0500, 24.6253, 35.0361



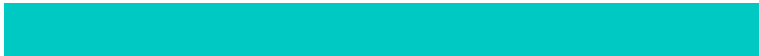
177.0360, -34.5277, 61.3584

Rectangle

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



163.2420, -20.8253, -40.5542



140.3310, 27.4448, -123.0703



183.0500, 24.6253, 35.0361



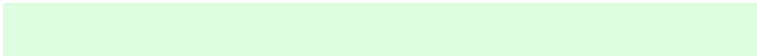
176.6650, -8.2158, 68.6998

Sweetspot

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



163.2420, -20.8253, -40.5542



239.8380, -7.8081, -15.6439



184.9120, -33.4806, 5.3392



120.6800, -4.7722, -9.3664



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.



163.2420, -20.8253, -40.5542



202.7110, -32.3955, -62.8905



167.6880, -3.7902, -44.4534



92.9840, -2.4571, -5.2480



95.4190, -43.0976, -83.6825



19.5990, -8.6763, -17.1883

Inverse Universe

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



148.7580, 20.8253, 40.5542



180.2890, 32.3955, 62.8905



144.3120, 3.7902, 44.4534



91.0160, 2.4571, 5.2480



65.4670, 42.6608, 83.7824



13.4010, 8.6763, 17.1883

Previews

White Background



This preview shows how the YUV color 163.2420, -20.8253, -40.5542 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 163.2420, -20.8253, -40.5542 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

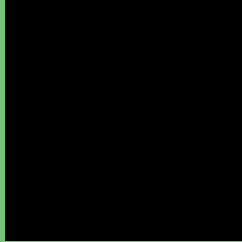
Any Text WCAG AA ✓ Pass

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 163.2420, -20.8253, -40.5542 Background



This preview shows how black text looks on a background with the YUV color 163.2420, -20.8253, -40.5542.



This preview shows how white text looks on a background with the YUV color 163.2420, -20.8253, -40.5542.

-40.5542.

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

163.2420, -20.8253, -40.5542

Protanopia

173.7160, -29.4400, 16.0351

Deuteranopia

176.1720, -24.2418, 28.7902



Tritanopia

171.1620, 14.2171, -33.4681

Trichromacy



Original Color

163.2420, -20.8253, -40.5542



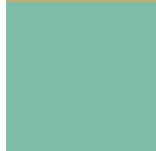
Protanomaly

170.0940, -26.1753, -4.4674



Deuteranomaly

171.3600, -22.8555, 4.0693



Tritanomaly

168.4100, 1.2769, -36.3166

Monochromacy



Original Color

163.2420, -20.8253, -40.5542



Achromatopsia

163.0000, 0.0000, 0.0000



Achromatomaly

163.2510, -7.5187, -15.1291

CSS Examples

Text

The CSS property to change the color of the text to YUV 163.2420, -20.8253, -40.5542 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(117, 195, 121)` looks like.

```
.text, #text, p{  
    color:rgb(117, 195, 121)  
}
```

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(117, 195, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 195, 121) }
```

Border

The CSS property to change the border of an element to YUV 163.2420, -20.8253, -40.5542 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

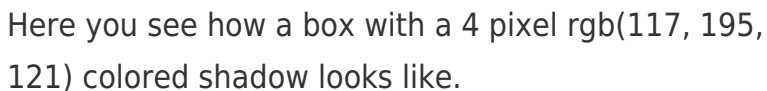
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(117, 195, 121) }
```


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

```
.border{ border-color:rgb(117, 195, 121) }
```

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



Here you see how a box with a 4 pixel `rgb(117, 195, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(117, 195, 121); -webkit-box-shadow:4px 4px 4px 4px rgb(117, 195, 121); box-shadow:4px 4px 4px 4px rgb(117, 195, 121) }
```

Background

The CSS property to change the background color of an element to YUV 163.2420, -20.8253, -40.5542 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 195, 121) }
```

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

```
.background{ background-color: rgb(117,  
195, 121) }
```

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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