

Converting Colors

YUV(140.0830, -19.7609,
-55.3238)

Have a look what the booklet for
YUV(140.0830, -19.7609, -55.3238)
contains.

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Color

**YUV(140.0830, -19.7609,
-55.3238)**

Conversions

Conversions Part 1

Format	Color
Hex	4DB464
RGB	77, 180, 100
RGB Percent	30%, 71%, 39%
CMY	0.6980, 0.2941, 0.6078
CMYK	0.57, 0.00, 0.44, 0.29
HSL	133°, 41%, 50%
HSV	133°, 57%, 71%
XYZ	21.6821, 35.1404, 17.6966
YIQ	140.0830, -35.7080, -46.7160

Conversions

Conversions Part 2

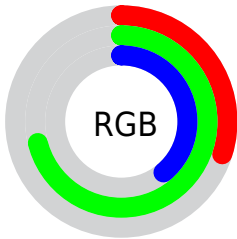
Format	Color
RYB	77, 161, 180
Decimal	5092452
CIELab	65.86, -47.33, 31.99
CIELCh	66, 57.123, 145.945
Yxy	35.1404, 0.2910, 0.4716
Android (android.graphics.Color)	4283282532 (0xFF4DB464)
YUV	140.0830, -19.7609, -55.3238
Hunter-Lab	59.2793, -38.4505, 23.7957

Details

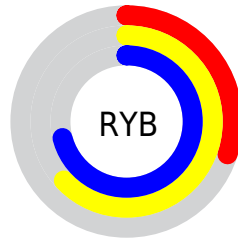
The YUV color **140.0830, -19.7609, -55.3238** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **116.9170, 19.7609, 55.3238**, and the grayscale version is **140.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **196.5130, -21.9449, -54.8239**, and **79.7760, -14.1866, -69.9636** is the 20% darker color. If you saturate the color by 10%, you get **133.1050, -23.2228, -64.9901**, and if you desaturate by 10%, it is **147.0610, -16.2991, -45.6575**.

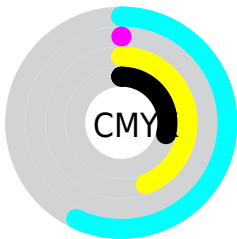
Distribution



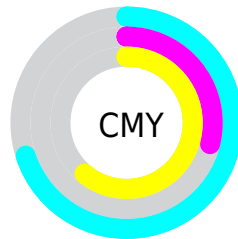
- Red (30%)
- Green (71%)
- Blue (39%)



- Red (30%)
- Yellow (63%)
- Blue (71%)



- Cyan (57%)
- Magenta (0%)
- Yellow (44%)
- Black (29%)



- Cyan (70%)
- Magenta (29%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YUV color 140.0830, -19.7609, -55.3238 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 140.0830, -19.7609, -55.3238 by changing the saturation by 10% instead.

■ 140.0830,
-19.7609, -55.3238

■ 140.0830,
-19.7609, -55.3238

■ 255.0000, 0.0000,
0.0000

■ 112.1150,
-18.2977, -57.9829

■ 196.5130,
-21.9449, -54.8239

■ 79.7760, -14.1866,
-69.9636

■ 218.8280,
-19.6352, -48.9612

■ 61.8920, -16.7088,
-54.2793

■ 230.6910,
-11.6797, -33.9320

■ 44.2530, -20.8307,
-38.8099

■ 242.5540, -3.7241,
-18.9029

■ 30.5240, -15.0483,
-26.7695

■ 253.8040, 0.5896,
-2.4591

■ 17.0230, -8.3923,
-14.9292

■ 0.0000, 0.0000,

0.0000

■ 140.0830,
-19.7609, -55.3238

■ 140.0830,
-19.7609, -55.3238

■ 133.1050,
-23.2228, -64.9901

■ 147.0610,
-16.2991, -45.6575

■ 126.1270,
-26.6846, -74.6564

■ 154.0390,
-12.8372, -35.9912

■ 119.1490,
-30.1465, -84.3227

■ 161.0170, -9.3754,
-26.3249

■ 112.1710,
-33.6083, -93.9890

■ 167.9950, -5.9135,
-16.6586

■ 110.2200,
-34.6185, -96.6629

■ 174.9730, -2.4517,
-6.9923

■ 181.9510, 1.0102,
2.6740

■ 188.9290, 4.4720,
12.3403

■ 195.9070, 7.9338,
22.0066

■ 202.8850, 11.3957,
31.6729

Harmonies

Analogous

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



149.8000, -43.7784, -5.0866



140.0830, -19.7609, -55.3238



125.8090, 12.4192, -110.3345

Triad

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



140.0830, -19.7609, -55.3238



127.6860, 62.7658, -111.9806



158.3650, -19.8999, 82.9949

Complementary

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



140.0830, -19.7609, -55.3238



116.9170, 19.7609, 55.3238

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.



160.6350, 4.1239, 77.4961



140.0830, -19.7609, -55.3238



161.0410, 44.8428, -9.6830

Square

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



140.0830, -19.7609, -55.3238



133.4760, 54.4883, -117.0585



164.5720, 26.3400, 45.1024



157.1630, -40.5064, 65.6320

Rectangle

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



140.0830, -19.7609, -55.3238



129.9130, 28.1439, -113.9337



164.5720, 26.3400, 45.1024



159.1400, -11.9010, 84.0692

Sweetspot

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



140.0830, -19.7609, -55.3238



219.5060, -7.6445, -21.4918



161.6800, -41.7472, -3.2274



108.0710, -4.4720, -12.3403



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



140.0830, -19.7609, -55.3238



172.1980, -31.1566, -86.9966



145.8970, 2.5158, -60.4227



85.5110, -1.7309, -4.8331



93.6870, -29.4257, -82.1635



15.9460, -4.9034, -13.9846

Inverse Universe

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



116.9170, 19.7609, 55.3238



135.6880, 30.7198, 87.0966



111.1030, -2.5158, 60.4227



83.4890, 1.7309, 4.8331



59.3130, 29.4257, 82.1635



10.0540, 4.9034, 13.9846

Previews

White Background



This preview shows how the YUV color 140.0830, -19.7609, -55.3238 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 140.0830, -19.7609, -55.3238 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 140.0830, -19.7609, -55.3238 Background



This preview shows how black text looks on a background with the YUV color 140.0830, -19.7609, -55.3238.



This preview shows how white text looks on a background with the YUV color 140.0830, -19.7609, -55.3238.

-55.3238.

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

140.0830, -19.7609, -55.3238

Protanopia

155.8470, -31.4766, 15.9202

Deuteranopia

158.2320, -25.2574, 27.8605



Tritanopia

150.3670, 16.5811, -45.0489

Trichromacy



Original Color

140.0830, -19.7609, -55.3238



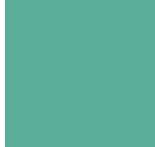
Protanomaly

150.4200, -27.3221, -10.0153



Deuteranomaly

151.5010, -23.4180, -2.1934



Tritanomaly

146.7890, 3.0620, -48.9270

Monochromacy



Original Color

140.0830, -19.7609, -55.3238



Achromatopsia

140.0000, 0.0000, 0.0000



Achromatomaly

140.2180, -7.5025, -20.3622

CSS Examples

Text

The CSS property to change the color of the text to YUV 140.0830, -19.7609, -55.3238 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(77, 180, 100)` looks like.

```
.text, #text, p{  
    color:rgb(77, 180, 100)  
}
```

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(77, 180, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 180, 100) }
```

Border

The CSS property to change the border of an element to YUV 140.0830, -19.7609, -55.3238 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(77, 180, 100) }
```


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

```
.border{ border-color:rgb(77, 180, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 180, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 180, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 180, 100);  
box-shadow:4px 4px 4px 4px rgb(77, 180,  
100) }
```

Background

The CSS property to change the background color of an element to YUV 140.0830, -19.7609, -55.3238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 180, 100) }
```

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

```
.background{ background-color: rgb(77, 180,  
100) }
```

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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