

Converting Colors

YUV(63.5160, -25.3974,
119.6965)

Have a look what the booklet for
YUV(63.5160, -25.3974, 119.6965)
contains.

YUV(63.5160, -25.3974, 119.6965)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(63.5160, -25.3974,
119.6965)**

Conversions

Conversions Part 1

Format	Color
Hex	C8040C
RGB	200, 4, 12
RGB Percent	78%, 2%, 5%
CMY	0.2157, 0.9843, 0.9529
CMYK	0.00, 0.98, 0.94, 0.22
HSL	358°, 96%, 40%
HSV	358°, 98%, 78%
XYZ	23.9292, 12.3927, 1.4787
YIQ	63.5160, 114.2480, 44.0400

Conversions

Conversions Part 2

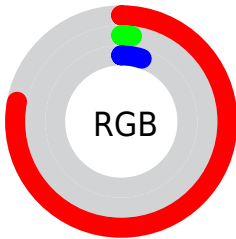
Format	Color
RYB	200, 4, 12
Decimal	13108236
CIELab	41.83, 66.44, 52.00
CIELCh	42, 84.364, 38.049
Yxy	12.3927, 0.6330, 0.3278
Android (android.graphics.Color)	4291298316 (0xFFC8040C)
YUV	63.5160, -25.3974, 119.6965
Hunter-Lab	35.2033, 59.7282, 22.1520

Details

The YUV color **63.5160, -25.3974, 119.6965** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **140.4840, 25.3974, -119.6965**, and the grayscale version is **64.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **132.9800, -35.9791, 107.0115**, and **40.6640, -20.0474, 83.6097** is the 20% darker color. If you saturate the color by 10%, you get **60.7120, -25.9870, 122.1556**, and if you desaturate by 10%, it is **77.4220, -22.8860, 107.5009**.

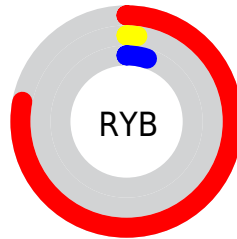
Distribution



Red (78%)

Green (2%)

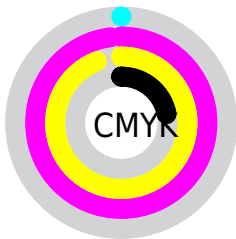
Blue (5%)



Red (78%)

Yellow (2%)

Blue (5%)

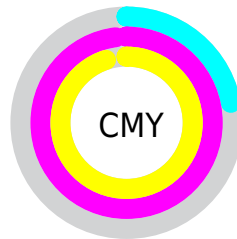


Cyan (0%)

Magenta (98%)

Yellow (94%)

Black (22%)



Cyan (22%)


Magenta (98%)


Yellow (95%)


Brightness & Saturation Gradients


These gradients show how the YUV color 63.5160, -25.3974, 119.6965 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 63.5160, -25.3974, 119.6965 by changing the saturation by 10% instead.


 63.5160, -25.3974,
119.6965


 63.5160, -25.3974,
119.6965


 254.0880, -3.4944,
0.7998


 50.2320, -24.7644,
103.2825


 132.9800,
-35.9791, 107.0115

 40.6640, -20.0474,
83.6097


 153.4400,
-33.7409, 89.0681


 31.0960, -15.3303,
63.9368


 173.3130,
-31.2133, 71.6395

 22.4680, -9.5977,
45.1936

 193.3000,
-28.2489, 54.1109


 13.2700, -6.0491,
26.9502


 213.2870,
-25.2845, 36.5823


 0.0000, 0.0000,
0.0000


 234.0890,


-21.7359, 18.3389


 250.7820,
-16.1615, 3.6992

 63.5160, -25.3974,
119.6965


 63.5160, -25.3974,
119.6965


 60.7120, -25.9870,
122.1556

 77.4220, -22.8860,
107.5009

 91.3280, -20.3747,
95.3053

 105.3480,
-17.4266, 83.0098

 119.2540,
-14.9152, 70.8142

 133.1600,
-12.4039, 58.6187

■ 147.0660, -9.8925,
46.4231

■ 160.9720, -7.3812,
34.2276

■ 174.8780, -4.8699,
22.0320

■ 188.8980, -1.9217,
9.7365

Harmonies

Analogous

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



73.5620, 5.1459, 123.1641



63.5160, -25.3974, 119.6965



91.5770, -45.1475, 60.8840

Triad

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



63.5160, -25.3974, 119.6965



76.8750, -17.6864, -67.4194



87.8210, 75.0242, -77.0190

Complementary

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



63.5160, -25.3974, 119.6965



140.4840, 25.3974, -119.6965

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.



96.6600, 65.7366, -84.7708



63.5160, -25.3974, 119.6965



86.5990, 14.4947, -75.9473

Square

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



63.5160, -25.3974, 119.6965



68.0920, -33.5694, -59.7167



94.9380, 43.9076, -83.2606



97.6540, 55.3866, 15.2124

Rectangle

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



63.5160, -25.3974, 119.6965



93.1400, -45.9180, 27.9412



94.9380, 43.9076, -83.2606



92.0440, 73.4353, -80.7226

Sweetspot

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



63.5160, -25.3974, 119.6965



203.4680, -9.5977, 45.1936



81.9580, 58.1947, 94.7528



96.6830, -5.7597, 27.4650



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.



63.5160, -25.3974, 119.6965



77.3850, -33.2208, 155.7684



114.2600, -54.3582, 75.1940



92.6910, -1.3267, 5.5330



49.5350, -20.9698, 99.5088



10.8780, -4.8699, 22.0320

Inverse Universe

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



63.5160, -25.3974, 119.6965



77.3850, -33.2208, 155.7684



89.7400, 54.3582, -75.1940



92.6910, -1.3267, 5.5330



49.5350, -20.9698, 99.5088



10.8780, -4.8699, 22.0320

Previews

White Background



This preview shows how the YUV color 63.5160, -25.3974, 119.6965 looks on a white 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 × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 63.5160, -25.3974, 119.6965

Background



This preview shows how black text looks on a background with the YUV color 63.5160, -25.3974, 119.6965.



This preview shows how white text looks on a background with the YUV color 63.5160, -25.3974,

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

63.5160, -25.3974, 119.6965

Protanopia

96.4940, -32.7815, 14.4758

Deuteranopia

94.3250, -46.5022, 28.6560



Tritanopia

70.0670, -34.5430, 113.0742

Trichromacy



Original Color

63.5160, -25.3974, 119.6965

Protanomaly

84.7190, -30.4275, 52.8664

Deuteranomaly

83.4830, -39.1851, 61.8434

Tritanomaly

67.5880, -31.3489, 115.2483

Monochromacy



Original Color

63.5160, -25.3974, 119.6965

Achromatopsia

64.0000, 0.0000, 0.0000

Achromatomaly

63.5710, -9.1555, 43.3492

CSS Examples

Text

The CSS property to change the color of the text to YUV 63.5160, -25.3974, 119.6965 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(200, 4, 12)` looks like.

```
.text, #text, p{  
    color:rgb(200, 4, 12)  
}
```

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(200, 4, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 4, 12) }
```

Border

The CSS property to change the border of an element to YUV 63.5160, -25.3974, 119.6965 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(200, 4, 12) }
```


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

```
.border{ border-color:rgb(200, 4, 12) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 4, 12)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 4, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 4, 12);  
box-shadow:4px 4px 4px 4px rgb(200, 4, 12)  
}
```

Background

The CSS property to change the background color of an element to YUV 63.5160, -25.3974, 119.6965 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 4, 12) }
```

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

```
.background{ background-color: rgb(200, 4,  
12) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor