

Converting Colors

YUV(100.6440, -39.7575,
105.5522)

Have a look what the booklet for
YUV(100.6440, -39.7575, 105.5522)
contains.

YUV(100.6440, -39.7575, 105.5522)	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(100.6440, -39.7575,
105.5522)**

Conversions

Conversions Part 1

Format	Color
Hex	DD3714
RGB	221, 55, 20
RGB Percent	87%, 22%, 8%
CMY	0.1333, 0.7843, 0.9216
CMYK	0.00, 0.75, 0.91, 0.13
HSL	10°, 83%, 47%
HSV	10°, 91%, 87%
XYZ	31.3112, 18.1550, 2.5158
YIQ	100.6440, 110.1710, 24.3070

Conversions

Conversions Part 2

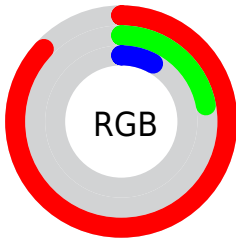
Format	Color
RYB	221, 62, 20
Decimal	14497556
CIELab	49.68, 62.20, 56.28
CIElCh	50, 83.887, 42.140
Yxy	18.1550, 0.6023, 0.3493
Android (android.graphics.Color)	4292687636 (0xFFDD3714)
YUV	100.6440, -39.7575, 105.5522
Hunter-Lab	42.6087, 56.6064, 26.3254

Details

The YUV color **100.6440, -39.7575, 105.5522** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **140.3560, 39.7575, -105.5522**, and the grayscale version is **101.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **151.1430, -40.0035, 91.0826**, and **46.6440, -22.9955, 95.9052** is the 20% darker color. If you saturate the color by 10%, you get **88.3850, -43.5738, 116.3034**, and if you desaturate by 10%, it is **113.7180, -35.3570, 94.0863**.

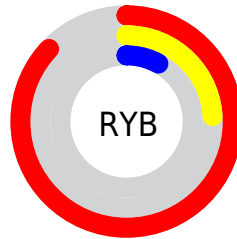
Distribution



Red (87%)

Green (22%)

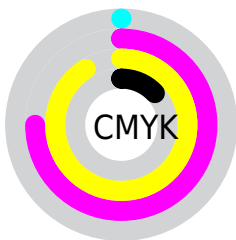
Blue (8%)



Red (87%)

Yellow (24%)

Blue (8%)

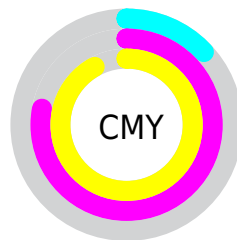


Cyan (0%)

Magenta (75%)

Yellow (91%)

Black (13%)



Cyan (13%)

Magenta (78%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the YUV color 100.6440, -39.7575, 105.5522 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 100.6440, -39.7575, 105.5522 by changing the saturation by 10% instead.

■ 100.6440,
-39.7575, 105.5522

■ 100.6440,
-39.7575, 105.5522

255.0000, 0.0000,
0.0000

■ 64.7290, -31.9114,
108.9857

■ 151.1430,
-40.0035, 91.0826

■ 46.6440, -22.9955,
95.9052

■ 170.4290,
-37.1865, 74.1688

■ 37.3750, -18.4259,
76.8471

■ 190.4160,
-34.2221, 56.6402

■ 28.1060, -13.8563,
57.7890

■ 210.5170,
-30.8209, 39.0116

■ 20.0760, -8.4185,
40.2753

■ 230.6180,
-27.4197, 21.3830


■ 9.3830, -4.1328,
18.9581


■ 249.0720,

■ 0.0000, 0.0000,


-22.7135, 5.1989


0.0000


 252.2640,
-10.4832, 2.3995


 100.6440,
-39.7575, 105.5522

 100.6440,
-39.7575, 105.5522


 88.3850, -43.5738,
116.3034

 113.7180,
-35.3570, 94.0863

 127.3790,
-31.2458, 82.1056

 140.4530,
-26.8453, 70.6397

 153.5270,
-22.4448, 59.1738

 166.7150,
-17.6075, 47.6079

■ 180.3760,
-13.4964, 35.6272

■ 193.4500, -9.0958,
24.1614

■ 206.5240, -4.6953,
12.6955

■ 219.5980, -0.2948,
1.2296

Harmonies

Analogous

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



82.0630, 5.3919, 137.6337



100.6440, -39.7575, 105.5522



111.3350, -54.8882, 58.4652

Triad

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



100.6440, -39.7575, 105.5522



93.2090, -10.9490, -81.7443



98.3360, 77.2354, -86.2407

Complementary

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



100.6440, -39.7575, 105.5522



140.3560, 39.7575, -105.5522

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.



110.0760, 71.4475, -96.5367



100.6440, -39.7575, 105.5522



102.9330, 21.2320, -90.2722

Square

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



100.6440, -39.7575, 105.5522



81.0060, -39.9360, -71.0423



109.9840, 50.7869, -96.4560



118.9440, 52.2856, 29.8671

Rectangle

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



100.6440, -39.7575, 105.5522



110.5390, -54.4957, 25.8373



109.9840, 50.7869, -96.4560



103.6190, 74.6308, -90.8739

Sweetspot

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



100.6440, -39.7575, 105.5522



213.6750, -13.6438, 36.2420



99.1370, 43.3165, 106.8739



103.3680, -8.0694, 21.6023



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.



100.6440, -39.7575, 105.5522



102.0730, -50.3220, 134.1170



158.7570, -68.4072, 54.5871



103.4630, -2.2003, 5.7329



69.3370, -34.1831, 90.9125



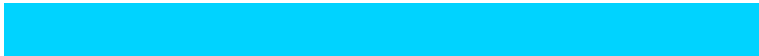
18.4500, -9.0958, 24.1614

Inverse Universe

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



140.3560, 39.7575, -105.5522



152.9270, 50.3220, -134.1170



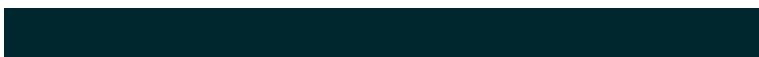
82.2430, 68.4072, -54.5871



105.5370, 2.2003, -5.7329



103.6630, 34.1831, -90.9125



27.5500, 9.0959, -24.1613

Previews

White Background



This preview shows how the YUV color 100.6440, -39.7575, 105.5522 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



This preview shows how the YUV color 100.6440, -39.7575, 105.5522 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 × Fail

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

YUV 100.6440, -39.7575, 105.5522 Background



This preview shows how black text looks on a background with the YUV color 100.6440, -39.7575, 105.5522.



This preview shows how white text looks on a background with the YUV color 100.6440, -39.7575, 105.5522.

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

100.6440, -39.7575, 105.5522

Protanopia

113.6100, -38.7547, 17.0050

Deuteranopia

111.1810, -54.8122, 34.0443



Tritanopia

102.9440, -24.6224, 104.4121

Trichromacy



Original Color

100.6440, -39.7575, 105.5522

Protanomaly

109.1070, -38.9998, 49.0182

Deuteranomaly

107.4260, -49.5100, 60.1394

Tritanomaly

102.1630, -30.1534, 105.0970

Monochromacy



Original Color

100.6440, -39.7575, 105.5522

Achromatopsia

101.0000, 0.0000, 0.0000

Achromatomaly

100.8710, -14.2334, 38.7011

CSS Examples

Text

The CSS property to change the color of the text to YUV 100.6440, -39.7575, 105.5522 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(221, 55, 20)` looks like.

```
.text, #text, p{  
    color:rgb(221, 55, 20)  
}
```

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(221, 55, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 55, 20) }
```

Border

The CSS property to change the border of an element to YUV 100.6440, -39.7575, 105.5522 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(221, 55, 20) }
```


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

```
.border{ border-color:rgb(221, 55, 20) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 55, 20)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 55, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 55, 20);  
box-shadow:4px 4px 4px 4px rgb(221, 55,  
20) }
```

Background

The CSS property to change the background color of an element to YUV 100.6440, -39.7575, 105.5522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 55, 20) }
```

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

```
.background{ background-color: rgb(221, 55,  
20) }
```

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