

# Converting Colors

YUV(76.0410, -35.0232,  
127.1290)

Have a look what the booklet for  
YUV(76.0410, -35.0232, 127.1290)  
contains.

<b>YUV(76.0410, -35.0232, 127.1290)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(76.0410, -35.0232,  
127.1290)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DD1005
RGB	221, 16, 5
RGB Percent	87%, 6%, 2%
CMY	0.1333, 0.9373, 0.9804
CMYK	0.00, 0.93, 0.98, 0.13
HSL	3°, 96%, 44%
HSV	3°, 98%, 87%
XYZ	30.0315, 15.7537, 1.6015
YIQ	76.0410, 125.7110, 40.0390

# Conversions

## Conversions Part 2

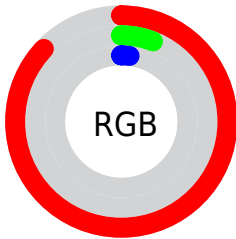
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">221, 17, 5</a>
Decimal	<a href="#">14487557</a>
CIELab	<a href="#">46.65, 70.51, 59.01</a>
CIElCh	<a href="#">47, 91.947, 39.928</a>
Yxy	<a href="#">15.7537, 0.6338, 0.3324</a>
Android (android.graphics.Color)	<a href="#">4292677637</a> (0xFFDD1005)
YUV	<a href="#">76.0410, -35.0232, 127.1290</a>
Hunter-Lab	<a href="#">39.6909, 65.6000, 25.3913</a>

# Details

The YUV color **76.0410, -35.0232, 127.1290** 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 **149.9590, 35.0232, -127.1290**, and the grayscale version is **76.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **137.4480, -39.1679, 103.0931**, and **46.3450, -22.8481, 95.2904** is the 20% darker color. If you saturate the color by 10%, you get **72.5360, -35.7602, 130.2029**, and if you desaturate by 10%, it is **90.8760, -31.4909, 114.1187**.

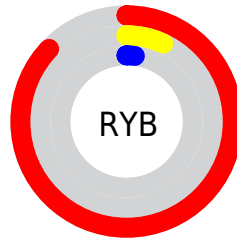
# Distribution



Red (87%)

Green (6%)

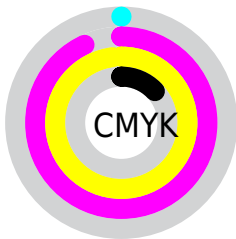
Blue (2%)



Red (87%)

Yellow (7%)

Blue (2%)

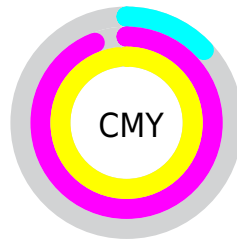


Cyan (0%)

Magenta (93%)

Yellow (98%)

Black (13%)



Cyan (13%)

Magenta (94%)


Yellow (98%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 76.0410, -35.0232, 127.1290 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 76.0410, -35.0232, 127.1290 by changing the saturation by 10% instead.




 76.0410, -35.0232,  
127.1290

 76.0410, -35.0232,  
127.1290


 253.9740, -3.9312,  
0.8998


 56.2120, -27.7125,  
115.5781


 137.4480,  
-39.1679, 103.0931

 46.3450, -22.8481,  
95.2904


 157.9080,  
-36.9296, 85.1497


 36.7770, -18.1311,  
75.6176


 177.8950,  
-33.9652, 67.6211

 27.4370, -12.5404,  
55.7448

 198.4690,  
-31.2902, 49.5777

 18.8800, -7.8288,  
37.8162

 218.5700,  
-27.8890, 31.9491


 7.8880, -3.3958,  
15.8842


 239.2580,


 0.0000, 0.0000,


-24.7772, 13.8057


0.0000


 250.6680,  
-16.5983, 3.7992


 76.0410, -35.0232,  
127.1290


 76.0410, -35.0232,  
127.1290


 72.5360, -35.7602,  
130.2029

 90.8760, -31.4909,  
114.1187

 105.7110,  
-27.9585, 101.1085

 120.5460,  
-24.4262, 88.0982

 135.3810,  
-20.8938, 75.0879

 150.3300,  
-16.9247, 61.9776

■ 165.1650,  
-13.3923, 48.9673

■ 180.0000, -9.8600,  
35.9570

■ 194.8350, -6.3277,  
22.9467

■ 209.6700, -2.7953,  
9.9364

# Harmonies

## Analogous

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



81.6070, 3.6447, 138.0337



76.0410, -35.0232, 127.1290



103.1060, -50.8313, 63.9280

# Triad

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



76.0410, -35.0232, 127.1290



86.9340, -17.2225, -76.2411



95.9880, 78.3929, -84.1815

# Complementary

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



76.0410, -35.0232, 127.1290



149.9590, 35.0232, -127.1290

# 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.



107.7280, 72.6051, -94.4775



76.0410, -35.0232, 127.1290



97.5700, 18.4530, -85.5689

# Square

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



76.0410, -35.0232, 127.1290



76.8970, -37.9102, -67.4387



106.1200, 51.2128, -93.0672



109.5610, 59.8694, 24.0640



# Rectangle

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



76.0410, -35.0232, 127.1290



103.7610, -51.1542, 27.3966



106.1200, 51.2128, -93.0672



100.6840, 76.0778, -88.2999

# Sweetspot

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



76.0410, -35.0232, 127.1290



205.4740, -12.0657, 43.4343



92.9540, 57.7037, 112.2963



97.6290, -7.2121, 26.6354



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.



76.0410, -35.0232, 127.1290



83.8760, -41.3509, 150.0757



139.4370, -66.2774, 71.5308



102.2890, -1.6215, 6.7625



57.0100, -28.1059, 101.7232



14.9280, -7.3595, 27.2501



# Inverse Universe

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



149.9590, 35.0232, -127.1290



171.1240, 41.3509, -150.0757



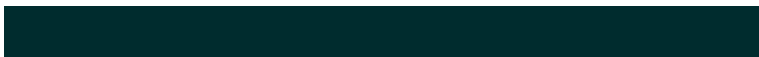
86.5630, 66.2774, -71.5308



106.1240, 1.9109, -6.2477



116.5770, 27.8165, -102.2380



31.0720, 7.3595, -27.2501



# Previews

## White Background



This preview shows how the YUV color 76.0410, -35.0232, 127.1290 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 76.0410, -35.0232, 127.1290

## Background



This preview shows how black text looks on a background with the YUV color 76.0410, -35.0232, 127.1290.



This preview shows how white text looks on a background with the YUV color 76.0410, -35.0232,



# 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

76.0410, -35.0232, 127.1290

### Protanopia

106.7240, -38.3179, 16.9051

### Deuteranopia

104.3810, -51.4598, 32.1149



## Tritanopia

77.5200, -38.2174, 124.9550

# Trichromacy



## Original Color

76.0410, -35.0232, 127.1290

## Protanomaly

95.6180, -37.2797, 57.3400

## Deuteranomaly

93.9090, -45.3111, 66.7318

## Tritanomaly

77.1610, -37.0544, 125.2698

# Monochromacy



## Original Color

76.0410, -35.0232, 127.1290

## Achromatopsia

76.0000, 0.0000, 0.0000

## Achromatomaly

75.9690, -12.8027, 46.5082

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 76.0410, -35.0232, 127.1290 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, 16, 5)` looks like.

```
.text, #text, p{  
    color:rgb(221, 16, 5)  
}
```

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, 16, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 16, 5) }
```

## Border

The CSS property to change the border of an element to YUV 76.0410, -35.0232, 127.1290 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, 16, 5) }
```



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

```
.border{ border-color:rgb(221, 16, 5) }
```

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

Here you see how a box with a 4 pixel rgb(221, 16, 5) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 16, 5); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 16, 5);  
box-shadow:4px 4px 4px 4px rgb(221, 16, 5)  
}
```

# Background

The CSS property to change the background color of an element to YUV 76.0410, -35.0232, 127.1290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 16, 5) }
```

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

```
.background{ background-color: rgb(221, 16,  
5) }
```

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