

Converting Colors

YUV(76.0790, -12.3639,
139.3737)

Have a look what the booklet for
YUV(76.0790, -12.3639, 139.3737)
contains.

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Color

**YUV(76.0790, -12.3639,
139.3737)**

Conversions

Conversions Part 1

Format	Color
Hex	EB0033
RGB	235, 0, 51
RGB Percent	92%, 0%, 20%
CMY	0.0784, 1.0000, 0.8000
CMYK	0.00, 1.00, 0.78, 0.08
HSL	347°, 100%, 46%
HSV	347°, 100%, 92%
XYZ	34.8585, 17.9012, 4.7500
YIQ	76.0790, 123.6890, 65.6810

Conversions

Conversions Part 2

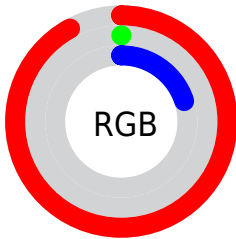
Format	Color
RYB	235, 0, 51
Decimal	15401011
CIELab	49.38, 76.11, 42.31
CIElCh	49, 87.076, 29.072
Yxy	17.9012, 0.6061, 0.3113
Android (android.graphics.Color)	4293591091 (0xFFEB0033)
YUV	76.0790, -12.3639, 139.3737
Hunter-Lab	42.3098, 73.0217, 22.9605

Details

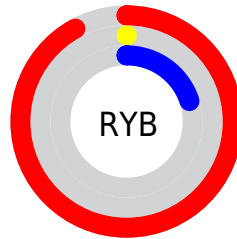
The YUV color **76.0790, -12.3639, 139.3737** is a dark color, and the websafe version is hex **FF0033**. The color can be described as dark washed red. A complement of this color would be **158.9210, 12.3639, -139.3737**, and the grayscale version is **76.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **142.0080, -21.6959, 99.0940**, and **51.4430, -21.4174, 103.0975** is the 20% darker color. If you saturate the color by 10%, you get **76.0790, -12.3639, 139.3737**, and if you desaturate by 10%, it is **91.6320, -11.1576, 125.7337**.

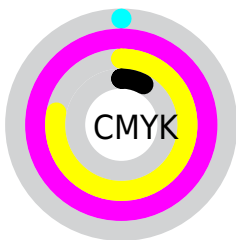
Distribution



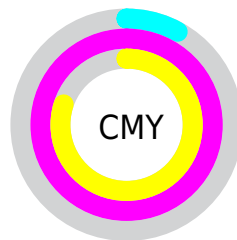
- Red (92%)
- Green (0%)
- Blue (20%)



- Red (92%)
- Yellow (0%)
- Blue (20%)



- Cyan (0%)
- Magenta (100%)
- Yellow (78%)
- Black (8%)



- Cyan (8%)
- Magenta (100%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 76.0790, -12.3639, 139.3737 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 76.0790, -12.3639, 139.3737 by changing the saturation by 10% instead.

■ 76.0790, -12.3639,
139.3737

■ 76.0790, -12.3639,
139.3737

255.0000, 0.0000,
0.0000

■ 63.8180, -16.6723,
121.1856

■ 142.0080,
-21.6959, 99.0940

■ 51.4430, -21.4174,
103.0975

■ 163.0550,
-19.7471, 80.6358

■ 40.9630, -20.1948,
84.2244

■ 183.6290,
-17.0721, 62.5924

■ 31.6230, -14.6041,
64.3516

■ 204.3170,
-13.9603, 44.4490

■ 22.8810, -9.3083,
45.7084

■ 225.0050,
-10.8485, 26.3056

■ 12.9710, -5.9017,
26.3354

■ 245.8070, -7.2999,

■ 0.0000, 0.0000,

■ 76.0790, -12.3639,
139.3737

■ 91.6320, -11.1576,
125.7337

■ 107.8860, -9.8038,
111.4790

■ 124.0260, -8.8868,
97.3242

■ 139.6930, -7.2436,
83.5842

■ 155.8330, -6.3267,
69.4295

■ 171.3860, -5.1203,
55.7895

■ 187.0530, -3.4771,
42.0495

■ 203.1930, -2.5601,
27.8947

■ 218.8600, -0.9170,
14.1548

Harmonies

Analogous

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



85.4830, 18.4959, 134.6344



76.0790, -12.3639, 139.3737



106.7600, -52.6327, 81.7715

Triad

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



76.0790, -12.3639, 139.3737



86.6600, -28.4264, -76.0008



104.7930, 74.0521, -91.9035

Complementary

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



76.0790, -12.3639, 139.3737



158.9210, 12.3639, -139.3737

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.



111.8710, 65.6326, -98.1109



76.0790, -12.3639, 139.3737



98.5840, 7.1071, -86.4582

Square

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



76.0790, -12.3639, 139.3737



98.7020, -48.6601, -26.0487



107.7210, 39.5775, -94.4713



113.4200, 66.8409, -18.7853

Rectangle

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



76.0790, -12.3639, 139.3737



111.2690, -54.8556, 47.9991



107.7210, 39.5775, -94.4713



108.3150, 72.3157, -94.9923

Sweetspot

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



76.0790, -12.3639, 139.3737



203.5480, -4.2142, 45.1234



80.6100, 76.1143, 87.1650



96.8940, -2.4127, 27.2800



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.



76.0790, -12.3639, 139.3737



82.5150, -13.5649, 151.2693



107.2460, -52.8723, 112.0403



109.5170, -0.7479, 6.5626



58.5650, -9.6455, 107.3755



17.5140, -2.7184, 31.9982

Inverse Universe

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



76.0790, -12.3639, 139.3737



82.5150, -13.5649, 151.2693



127.7540, 52.8723, -112.0403



109.5170, -0.7479, 6.5626



58.5650, -9.6455, 107.3755



17.5140, -2.7184, 31.9982

Previews

White Background



This preview shows how the YUV color 76.0790, -12.3639, 139.3737 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 76.0790, -12.3639, 139.3737 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 76.0790, -12.3639, 139.3737

Background



This preview shows how black text looks on a background with the YUV color 76.0790, -12.3639, 139.3737.



This preview shows how white text looks on a background with the YUV color 76.0790, -12.3639,

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

76.0790, -12.3639, 139.3737

Protanopia

117.3160, -19.3828, 10.2469

Deuteranopia

114.8720, -39.3769, 29.9303



Tritanopia

83.2050, -37.0761, 132.2472

Trichromacy



Original Color

76.0790, -12.3639, 139.3737

Protanomaly

102.5960, -17.0558, 57.3593

Deuteranomaly

100.7580, -29.4607, 69.4952

Tritanomaly

80.3330, -27.7722, 134.7660

Monochromacy



Original Color

76.0790, -12.3639, 139.3737

Achromatopsia

76.0000, 0.0000, 0.0000

Achromatomaly

75.8800, -4.3778, 50.9712

CSS Examples

Text

The CSS property to change the color of the text to YUV 76.0790, -12.3639, 139.3737 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(235, 0, 51)` looks like.

```
.text, #text, p{  
    color:rgb(235, 0, 51)  
}
```

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(235, 0, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 0, 51) }
```

Border

The CSS property to change the border of an element to YUV 76.0790, -12.3639, 139.3737 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(235, 0, 51) }
```


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

```
.border{ border-color:rgb(235, 0, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 0, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 0, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 0, 51);  
box-shadow:4px 4px 4px 4px rgb(235, 0, 51)  
}
```

Background

The CSS property to change the background color of an element to YUV 76.0790, -12.3639, 139.3737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 0, 51) }
```

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

```
.background{ background-color: rgb(235, 0,  
51) }
```

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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