

Converting Colors

YUV(76.1890, -32.6312,
153.3092)

Have a look what the booklet for
YUV(76.1890, -32.6312, 153.3092)
contains.

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Color

**YUV(76.1890, -32.6312,
153.3092)**

Conversions

Conversions Part 1

Format	Color
Hex	FB000A
RGB	251, 0, 10
RGB Percent	98%, 0%, 4%
CMY	0.0157, 1.0000, 0.9608
CMYK	0.00, 1.00, 0.96, 0.02
HSL	358°, 100%, 49%
HSV	358°, 100%, 98%
XYZ	39.8384, 20.5311, 2.1503
YIQ	76.1890, 146.3860, 56.3220

Conversions

Conversions Part 2

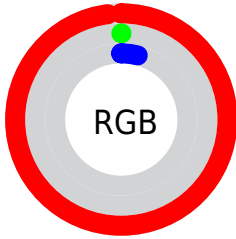
Format	Color
RYB	251, 0, 10
Decimal	16449546
CIELab	52.43, 79.22, 63.93
CIElCh	52, 101.797, 38.901
Yxy	20.5311, 0.6372, 0.3284
Android (android.graphics.Color)	4294639626 (0xFFFB000A)
YUV	76.1890, -32.6312, 153.3092
Hunter-Lab	45.3113, 77.6454, 28.9042

Details

The YUV color **76.1890, -32.6312, 153.3092** is a dark color, and the websafe version is hex **FF0000**. The color can be described as dark saturated red. A complement of this color would be **174.8110, 32.6312, -153.3092**, and the grayscale version is **76.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **139.8930, -37.4152, 100.9488**, and **55.0160, -27.1229, 113.1190** is the 20% darker color. If you saturate the color by 10%, you get **76.1890, -32.6312, 153.3092**, and if you desaturate by 10%, it is **93.6000, -29.3828, 138.0398**.

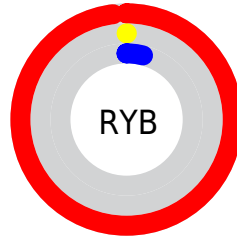
Distribution



Red (98%)

Green (0%)

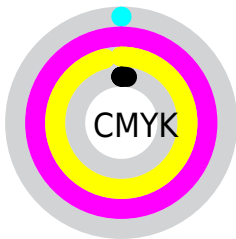
Blue (4%)



Red (98%)

Yellow (0%)

Blue (4%)

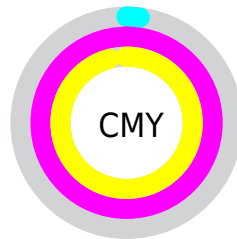


Cyan (0%)

Magenta (100%)

Yellow (96%)

Black (2%)



Cyan (2%)


Magenta (100%)


Yellow (96%)

Brightness & Saturation Gradients


These gradients show how the YUV color 76.1890, -32.6312, 153.3092 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 76.1890, -32.6312, 153.3092 by changing the saturation by 10% instead.


 76.1890, -32.6312,
153.3092

 76.1890, -32.6312,
153.3092


254.7720, -0.8736,
0.2000


 64.8830, -31.9873,
133.4066


 139.8930,
-37.4152, 100.9488

 55.0160, -27.1229,
113.1190


 160.9400,
-35.4664, 82.4906


 44.8500, -22.1110,
92.2166


 181.5140,
-32.7914, 64.4472

 35.5100, -16.5204,
72.3437

 202.6750,
-30.4058, 45.8890

 26.4690, -11.0772,
53.0857

 223.3630,
-27.2940, 27.7456


 16.6730, -7.2338,
33.6128

 244.7520,


 2.6910, -1.3267,


-24.0347, 8.9875


5.5330


 251.4660,
-13.5407, 3.0993

 0.0000, 0.0000,
0.0000

 76.1890, -32.6312,
153.3092

 93.6000, -29.3828,
138.0398

 111.0110,
-26.1344, 122.7704

 128.4220,
-22.8860, 107.5009

 145.8330,
-19.6377, 92.2315

 163.9450,
-16.2419, 76.3472

■ 181.3560,
-12.9935, 61.0778

■ 198.7670, -9.7451,
45.8083

■ 216.1780, -6.4968,
30.5389

■ 233.5890, -3.2484,
15.2694

Harmonies

Analogous

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



88.1010, 7.8382, 146.3704



76.1890, -32.6312, 153.3092



116.4510, -57.4103, 74.1495

Triad

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



76.1890, -32.6312, 153.3092



97.3690, -20.3949, -85.3926



105.3800, 73.7627, -92.4183

Complementary

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



76.1890, -32.6312, 153.3092



174.8110, 32.6312, -153.3092

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.



118.2940, 67.3961, -103.7438



76.1890, -32.6312, 153.3092



110.4330, 19.5065, -96.8497

Square

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



76.1890, -32.6312, 153.3092



86.8760, -42.8299, -76.1903



120.1230, 56.6344, -105.3479



123.2280, 64.9636, 23.4790

Rectangle

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



76.1890, -32.6312, 153.3092



117.3720, -57.8644, 32.9998



120.1230, 56.6344, -105.3479



110.6630, 71.1581, -97.0515

Sweetspot

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



76.1890, -32.6312, 153.3092



202.0660, -9.8925, 46.4231



99.7760, 74.5534, 121.2224



95.8680, -6.3439, 28.1798



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.



76.1890, -32.6312, 153.3092



77.3850, -33.2208, 155.7684



141.3800, -69.7003, 96.1367



116.0010, -1.4795, 7.8921



57.4230, -24.3655, 115.3930



18.4670, -8.1182, 37.3014

Inverse Universe

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



76.1890, -32.6312, 153.3092



77.3850, -33.2208, 155.7684



109.6200, 69.7003, -96.1367



116.0010, -1.4795, 7.8921



57.4230, -24.3655, 115.3930



18.4670, -8.1182, 37.3014

Previews

White Background



This preview shows how the YUV color 76.1890, -32.6312, 153.3092 looks on a white background.

Color Contrast Check

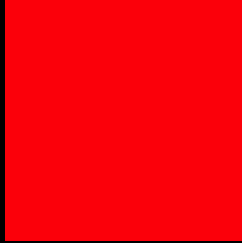
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 76.1890, -32.6312, 153.3092 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 76.1890, -32.6312, 153.3092

Background



This preview shows how black text looks on a background with the YUV color 76.1890, -32.6312, 153.3092.



This preview shows how white text looks on a background with the YUV color 76.1890, -32.6312,

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

76.1890, -32.6312, 153.3092

Protanopia

120.9970, -42.3965, 18.4196

Deuteranopia

118.2800, -58.3120, 36.5884



Tritanopia

87.9520, -43.3603, 141.2391

Trichromacy



Original Color

76.1890, -32.6312, 153.3092

Protanomaly

104.9290, -38.9120, 67.5913

Deuteranomaly

102.7750, -48.6961, 79.1273

Tritanomaly

84.0110, -39.4454, 145.5724

Monochromacy



Original Color

76.1890, -32.6312, 153.3092

Achromatopsia

76.0000, 0.0000, 0.0000

Achromatomaly

75.9640, -11.8143, 56.1596

CSS Examples

Text

The CSS property to change the color of the text to YUV 76.1890, -32.6312, 153.3092 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(251, 0, 10)` looks like.

```
.text, #text, p{  
    color:rgb(251, 0, 10)  
}
```

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(251, 0, 10) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 0, 10) }
```

Border

The CSS property to change the border of an element to YUV 76.1890, -32.6312, 153.3092 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(251, 0, 10) }
```


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

```
.border{ border-color:rgb(251, 0, 10) }
```

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

Here you see how a box with a 4 pixel rgb(251, 0, 10) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 0, 10); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 0, 10);  
box-shadow:4px 4px 4px 4px rgb(251, 0, 10)  
}
```

Background

The CSS property to change the background color of an element to YUV 76.1890, -32.6312, 153.3092 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 0, 10) }
```

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

```
.background{ background-color: rgb(251, 0,  
10) }
```

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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