

Converting Colors

YUV(77.2860, -29.7210,
153.2242)

Have a look what the booklet for
YUV(77.2860, -29.7210, 153.2242)
contains.

YUV(77.2860, -29.7210, 153.2242)	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(77.2860, -29.7210,
153.2242)**

Conversions

Conversions Part 1

Format	Color
Hex	FC0011
RGB	252, 0, 17
RGB Percent	99%, 0%, 7%
CMY	0.0118, 1.0000, 0.9333
CMYK	0.00, 1.00, 0.93, 0.01
HSL	356°, 100%, 49%
HSV	356°, 100%, 99%
XYZ	40.2461, 20.7359, 2.4115
YIQ	77.2860, 144.7350, 58.7110

Conversions

Conversions Part 2

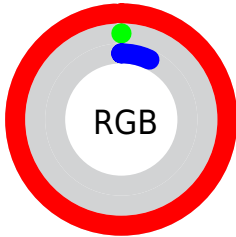
Format	Color
R_{YB}	252, 0, 17
Decimal	16515089
CIE Lab	52.66, 79.52, 62.21
CIE LCh	53, 100.961, 38.039
Yxy	20.7359, 0.6349, 0.3271
Android (android.graphics.Color)	4294705169 (0xFFFC0011)
YUV	77.2860, -29.7210, 153.2242
Hunter-Lab	45.5367, 78.0719, 28.7358

Details

The YUV color **77.2860, -29.7210, 153.2242** 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 **174.7140, 29.7210, -153.2242**, and the grayscale version is **77.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **140.3490, -35.6681, 100.5489**, and **55.3150, -27.2703, 113.7337** is the 20% darker color. If you saturate the color by 10%, you get **77.2860, -29.7210, 153.2242**, and if you desaturate by 10%, it is **94.5830, -26.9094, 138.0547**.

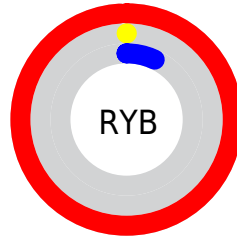
Distribution



Red (99%)

Green (0%)

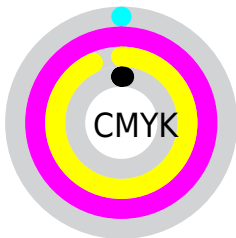
Blue (7%)



Red (99%)

Yellow (0%)

Blue (7%)

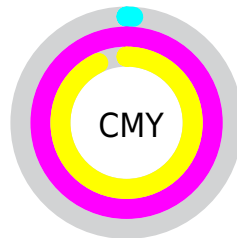


Cyan (0%)

Magenta (100%)

Yellow (93%)

Black (1%)



Cyan (1%)

Magenta (100%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YUV color 77.2860, -29.7210, 153.2242 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 77.2860, -29.7210, 153.2242 by changing the saturation by 10% instead.

■ 77.2860, -29.7210,
153.2242

■ 77.2860, -29.7210,
153.2242

255.0000, 0.0000,
0.0000

■ 65.1820, -32.1347,
134.0214

■ 140.3490,
-35.6681, 100.5489

■ 55.3150, -27.2703,
113.7337

■ 161.3960,
-33.7192, 82.0907

■ 45.1490, -22.2585,
92.8313

■ 182.5570,
-31.3336, 63.5325

■ 35.8090, -16.6678,
72.9585

■ 203.1310,
-28.6586, 45.4891

■ 26.4690, -11.0772,
53.0857

■ 223.8190,
-25.5468, 27.3457

■ 16.9720, -7.3812,
34.2276

■ 245.2080,


■ 3.5880, -1.7689,


-22.2875, 8.5876


7.3773

 252.0360,
-11.3567, 2.5994


 0.0000, 0.0000,
0.0000

 77.2860, -29.7210,
153.2242

 94.5830, -26.9094,
138.0547

 111.9940,
-23.6610, 122.7853

 129.8780,
-21.1389, 107.1010

 147.2890,
-17.8905, 91.8315

 164.5860,
-15.0789, 76.6621

■ 181.9970,
-11.8305, 61.3926

■ 199.2940, -9.0189,
46.2232

■ 217.2920, -6.0600,
30.4389

■ 234.7030, -2.8116,
15.1695

Harmonies

Analogous

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



88.4430, 9.1486, 146.0705



77.2860, -29.7210, 153.2242



116.4620, -57.4158, 75.8938

Triad

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



77.2860, -29.7210, 153.2242



97.7280, -21.5579, -85.7075



105.9670, 73.4733, -92.9331

Complementary

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



77.2860, -29.7210, 153.2242



174.7140, 29.7210, -153.2242

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



77.2860, -29.7210, 153.2242



110.2050, 18.6329, -96.6498

Square

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



77.2860, -29.7210, 153.2242



86.8760, -42.8299, -76.1903



119.7810, 55.3240, -105.0479



123.7930, 64.6851, 19.4755

Rectangle

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



77.2860, -29.7210, 153.2242



118.2690, -58.3066, 34.8441



119.7810, 55.3240, -105.0479



111.2500, 70.8688, -97.5662

Sweetspot

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



77.2860, -29.7210, 153.2242



202.2940, -9.0189, 46.2232



97.7970, 76.0221, 116.8190



96.0960, -5.4703, 27.9798



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.



77.2860, -29.7210, 153.2242



78.1830, -30.1632, 155.0685



136.9830, -67.5326, 100.8699



116.0010, -1.4795, 7.8921



57.9930, -22.1815, 114.8931



18.6950, -7.2446, 37.1015

Inverse Universe

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



77.2860, -29.7210, 153.2242



78.1830, -30.1632, 155.0685



115.0170, 67.5326, -100.8699



116.0010, -1.4795, 7.8921



57.9930, -22.1815, 114.8931



18.6950, -7.2446, 37.1015

Previews

White Background



This preview shows how the YUV color 77.2860, -29.7210, 153.2242 looks on a white background.

Color Contrast Check

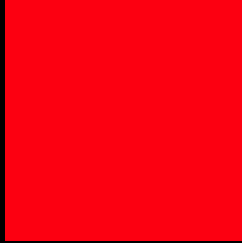
Large Text (above 18pt) WCAG AA ✓ Pass

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 77.2860, -29.7210, 153.2242 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 77.2860, -29.7210, 153.2242

Background



This preview shows how black text looks on a background with the YUV color 77.2860, -29.7210, 153.2242.



This preview shows how white text looks on a background with the YUV color 77.2860, -29.7210,

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

77.2860, -29.7210, 153.2242

Protanopia

121.5670, -40.2125, 17.9197

Deuteranopia

118.8670, -58.6014, 36.0736



Tritanopia

88.2510, -43.5077, 141.8539

Trichromacy



Original Color

77.2860, -29.7210, 153.2242

Protanomaly

105.6130, -36.2912, 66.9914

Deuteranomaly

103.5900, -48.1119, 78.4126

Tritanomaly

84.5380, -38.7192, 145.9872

Monochromacy



Original Color

77.2860, -29.7210, 153.2242

Achromatopsia

77.0000, 0.0000, 0.0000

Achromatomaly

77.1920, -10.9407, 55.9596

CSS Examples

Text

The CSS property to change the color of the text to YUV 77.2860, -29.7210, 153.2242 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(252, 0, 17)` looks like.

```
.text, #text, p{  
    color:rgb(252, 0, 17)  
}
```

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(252, 0, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 0, 17) }
```

Border

The CSS property to change the border of an element to YUV 77.2860, -29.7210, 153.2242 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(252, 0, 17) }
```


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

```
.border{ border-color:rgb(252, 0, 17) }
```

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

Here you see how a box with a 4 pixel rgb(252, 0, 17) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 0, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 0, 17);  
box-shadow:4px 4px 4px 4px rgb(252, 0, 17)  
}
```

Background

The CSS property to change the background color of an element to YUV 77.2860, -29.7210, 153.2242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 0, 17) }
```

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

```
.background{ background-color: rgb(252, 0,  
17) }
```

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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