

Converting Colors

YUV(79.9050, -28.5472,
150.0503)

Have a look what the booklet for
YUV(79.9050, -28.5472, 150.0503)
contains.

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Color

**YUV(79.9050, -28.5472,
150.0503)**

Conversions

Conversions Part 1

Format	Color
Hex	FB0416
RGB	251, 4, 22
RGB Percent	98%, 2%, 9%
CMY	0.0157, 0.9843, 0.9137
CMYK	0.00, 0.98, 0.91, 0.02
HSL	356°, 97%, 50%
HSV	356°, 98%, 98%
XYZ	39.9719, 20.6540, 2.6389
YIQ	79.9050, 141.4340, 57.9620

Conversions

Conversions Part 2

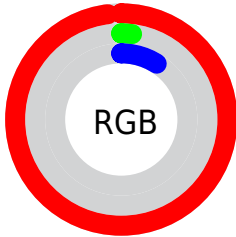
Format	Color
RYB	251, 4, 22
Decimal	16450582
CIELab	52.57, 79.05, 60.34
CIElCh	53, 99.451, 37.356
Yxy	20.6540, 0.6318, 0.3265
Android (android.graphics.Color)	4294640662 (0xFFFB0416)
YUV	79.9050, -28.5472, 150.0503
Hunter-Lab	45.4467, 77.4652, 28.3699

Details

The YUV color **79.9050, -28.5472, 150.0503** 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 **175.0950, 28.5472, -150.0503**, and the grayscale version is **80.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **141.3920, -34.2103, 99.6342**, and **55.0160, -27.1229, 113.1190** is the 20% darker color. If you saturate the color by 10%, you get **77.1010, -29.1368, 152.5094**, and if you desaturate by 10%, it is **97.2020, -25.7356, 134.8808**.

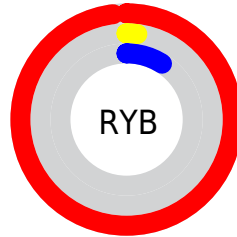
Distribution



Red (98%)

Green (2%)

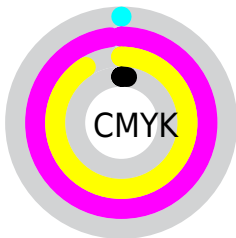
Blue (9%)



Red (98%)

Yellow (2%)

Blue (9%)

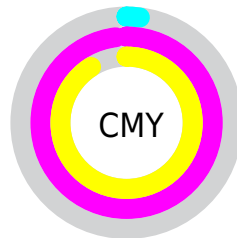


Cyan (0%)

Magenta (98%)

Yellow (91%)

Black (2%)



Cyan (2%)


Magenta (98%)


Yellow (91%)

Brightness & Saturation Gradients


These gradients show how the YUV color 79.9050, -28.5472, 150.0503 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 79.9050, -28.5472, 150.0503 by changing the saturation by 10% instead.


 79.9050, -28.5472,
150.0503


 79.9050, -28.5472,
150.0503


255.0000, 0.0000,
0.0000


 64.8830, -31.9873,
133.4066


 141.3920,
-34.2103, 99.6342

 55.0160, -27.1229,
113.1190


 162.4390,
-32.2614, 81.1760

 44.8500, -22.1110,
92.2166


 182.8990,
-30.0232, 63.2326

 35.3960, -16.9572,
72.4437

 204.1740,
-27.2008, 44.5744

 26.4690, -11.0772,
53.0857

 224.8620,
-24.0890, 26.4310

 16.6730, -7.2338,
33.6128


 245.6640,


 2.9900, -1.4741,


-20.5404, 8.1877


6.1478


 252.3780,
-10.0464, 2.2995


 0.0000, 0.0000,
0.0000


 79.9050, -28.5472,
150.0503

 79.9050, -28.5472,
150.0503


 77.1010, -29.1368,
152.5094

 97.2020, -25.7356,
134.8808

 114.6130,
-22.4872, 119.6114

 131.9100,
-19.6756, 104.4419

 149.2070,
-16.8641, 89.2725

 167.0910,
-14.3419, 73.5882

■ 184.5020,
-11.0935, 58.3187

■ 201.7990, -8.2819,
43.1493

■ 219.0960, -5.4703,
27.9798

■ 236.3930, -2.6587,
12.8103

Harmonies

Analogous

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



88.6710, 10.0222, 145.8705



79.9050, -28.5472, 150.0503



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.



79.9050, -28.5472, 150.0503



96.9130, -22.1421, -84.9927



106.5540, 73.1839, -93.4479

Complementary

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



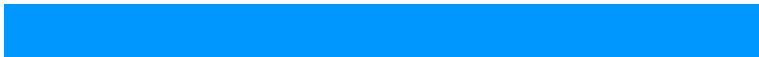
79.9050, -28.5472, 150.0503



175.0950, 28.5472, -150.0503

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



79.9050, -28.5472, 150.0503



109.2760, 17.6119, -95.8351

Square

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



79.9050, -28.5472, 150.0503



86.2890, -42.5405, -75.6755



119.4390, 54.0136, -104.7480



123.1840, 64.9853, 16.5016

Rectangle

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



79.9050, -28.5472, 150.0503



117.9810, -58.1646, 35.9737



119.4390, 54.0136, -104.7480



111.2500, 70.8688, -97.5662

Sweetspot

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



79.9050, -28.5472, 150.0503



202.2940, -9.0189, 46.2232



99.7320, 74.5751, 114.2450



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.



79.9050, -28.5472, 150.0503



78.4110, -29.2896, 154.8686



138.3140, -66.2168, 98.8256



116.0010, -1.4795, 7.8921



58.1070, -21.7448, 114.7932



18.6950, -7.2446, 37.1015

Inverse Universe

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



79.9050, -28.5472, 150.0503



78.4110, -29.2896, 154.8686



116.6860, 66.2168, -98.8256



116.0010, -1.4795, 7.8921



58.1070, -21.7448, 114.7932



18.6950, -7.2446, 37.1015

Previews

White Background



This preview shows how the YUV color 79.9050, -28.5472, 150.0503 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



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 79.9050, -28.5472, 150.0503

Background



This preview shows how black text looks on a background with the YUV color 79.9050, -28.5472, 150.0503.



This preview shows how white text looks on a background with the YUV color 79.9050, -28.5472,

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

79.9050, -28.5472, 150.0503

Protanopia

122.0230, -38.4653, 17.5198

Deuteranopia

118.2800, -58.3120, 36.5884



Tritanopia

87.9520, -43.3603, 141.2391

Trichromacy



Original Color

79.9050, -28.5472, 150.0503

Protanomaly

106.6560, -34.8334, 66.0767

Deuteranomaly

104.4050, -47.5277, 77.6978

Tritanomaly

85.0540, -37.9876, 144.6576

Monochromacy



Original Color

79.9050, -28.5472, 150.0503

Achromatopsia

80.0000, 0.0000, 0.0000

Achromatomaly

79.7080, -10.2090, 54.6301

CSS Examples

Text

The CSS property to change the color of the text to YUV 79.9050, -28.5472, 150.0503 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, 4, 22)` looks like.

```
.text, #text, p{  
    color:rgb(251, 4, 22)  
}
```

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, 4, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 4, 22) }
```

Border

The CSS property to change the border of an element to YUV 79.9050, -28.5472, 150.0503 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, 4, 22) }
```


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

```
.border{ border-color:rgb(251, 4, 22) }
```

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

Here you see how a box with a 4 pixel rgb(251, 4, 22) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 4, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 4, 22);  
box-shadow:4px 4px 4px 4px rgb(251, 4, 22)  
}
```

Background

The CSS property to change the background color of an element to YUV 79.9050, -28.5472, 150.0503 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 4, 22) }
```

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

```
.background{ background-color: rgb(251, 4,  
22) }
```

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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