

Converting Colors

YUV(77.8410, -28.5156,
93.1014)

Have a look what the booklet for
YUV(77.8410, -28.5156, 93.1014)
contains.

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Color

**YUV(77.8410, -28.5156,
93.1014)**

Conversions

Conversions Part 1

Format	Color
Hex	B82314
RGB	184, 35, 20
RGB Percent	72%, 14%, 8%
CMY	0.2784, 0.8627, 0.9216
CMYK	0.00, 0.81, 0.89, 0.28
HSL	5°, 80%, 40%
HSV	5°, 89%, 72%
XYZ	20.4945, 11.4429, 1.7903
YIQ	77.8410, 93.6190, 26.9230

Conversions

Conversions Part 2

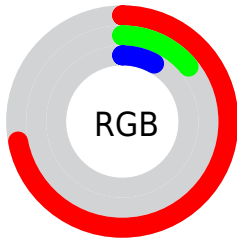
Format	Color
RYB	184, 37, 20
Decimal	12067604
CIELab	40.32, 57.08, 46.24
CIELCh	40, 73.461, 39.010
Yxy	11.4429, 0.6076, 0.3393
Android (android.graphics.Color)	4290257684 (0xFFB82314)
YUV	77.8410, -28.5156, 93.1014
Hunter-Lab	33.8274, 48.9471, 20.5412

Details

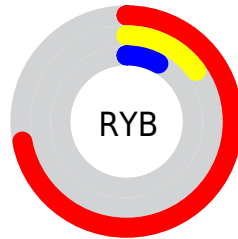
The YUV color **77.8410, -28.5156, 93.1014** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **126.1590, 28.5156, -93.1014**, and the grayscale version is **78.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **137.5550, -34.7836, 96.8603**, and **36.4780, -17.9837, 75.0028** is the 20% darker color. If you saturate the color by 10%, you get **65.8100, -31.4583, 103.6526**, and if you desaturate by 10%, it is **89.8720, -25.5729, 82.5503**.

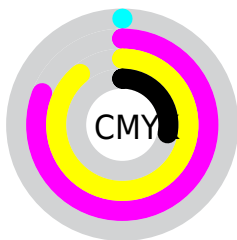
Distribution



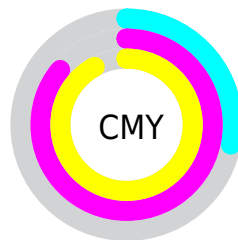
- Red (72%)
- Green (14%)
- Blue (8%)



- Red (72%)
- Yellow (15%)
- Blue (8%)



- Cyan (0%)
- Magenta (81%)
- Yellow (89%)
- Black (28%)



- Cyan (28%)
- Magenta (86%)
- Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the YUV color 77.8410, -28.5156, 93.1014 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 77.8410, -28.5156, 93.1014 by changing the saturation by 10% instead.

■ 77.8410, -28.5156,
93.1014

■ 77.8410, -28.5156,
93.1014

254.7720, -0.8736,
0.2000

■ 45.7470, -22.5533,
94.0609

■ 137.5550,
-34.7836, 96.8603

■ 36.4780, -17.9837,
75.0028

■ 158.8200,
-33.4353, 84.3499

■ 27.2090, -13.4140,
55.9447

■ 178.1060,
-30.6183, 67.4360

■ 19.1790, -7.9762,
38.4310

■ 197.5060,
-27.3645, 50.4222


■ 8.7850, -3.8380,
17.7286


■ 217.6070,
-23.9633, 32.7937


■ 0.0000, 0.0000,
0.0000


■ 237.7080,


-20.5620, 15.1651


 251.5800,
-13.1039, 2.9993


 77.8410, -28.5156,
93.1014


 77.8410, -28.5156,
93.1014


 65.8100, -31.4583,
103.6526

 89.8720, -25.5729,
82.5503

 64.9950, -32.0425,
104.3674

 101.4300,
-21.9040, 72.4139

 113.4610,
-18.9613, 61.8627

 125.6060,
-15.5818, 51.2115

 137.6370,
-12.6390, 40.6604

■ 149.0810, -9.4069,
30.6240

■ 161.2260, -6.0274,
19.9728

■ 173.2570, -3.0847,
9.4216

■ 184.8150, 0.5842,
-0.7148

Harmonies

Analogous

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



67.7240, 6.0521, 112.4981



77.8410, -28.5156, 93.1014



88.8750, -43.8154, 53.6066

Triad

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



77.8410, -28.5156, 93.1014



74.1510, -12.8924, -65.0304



82.1500, 65.9881, -72.0456

Complementary

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



77.8410, -28.5156, 93.1014



126.1590, 28.5156, -93.1014

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.



90.1570, 58.5896, -79.0677



77.8410, -28.5156, 93.1014



82.6210, 14.4838, -72.4586

Square

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



77.8410, -28.5156, 93.1014



70.8380, -34.9231, -45.4619



89.2330, 39.8181, -78.2573



95.9610, 46.3612, 16.6972

Rectangle

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



77.8410, -28.5156, 93.1014



89.2860, -44.0180, 25.1822



89.2330, 39.8181, -78.2573



85.7860, 64.6885, -75.2343

Sweetspot

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



77.8410, -28.5156, 93.1014



197.9570, -11.3178, 36.8717



86.1360, 41.3450, 85.8267



95.0090, -6.9064, 21.9171



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



77.8410, -28.5156, 93.1014



84.6740, -41.7443, 136.2209



125.3880, -51.9563, 51.4027



85.6910, -1.3267, 5.5330



54.8620, -27.0470, 88.6980



10.1330, -4.9956, 15.6694

Inverse Universe

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



126.1590, 28.5156, -93.1014



155.3260, 41.7443, -136.2209



78.6120, 51.9563, -51.4027



88.7220, 1.6161, -5.0182



100.5510, 27.3364, -88.1832



17.8670, 4.9956, -15.6694

Previews

White Background



This preview shows how the YUV color 77.8410, -28.5156, 93.1014 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

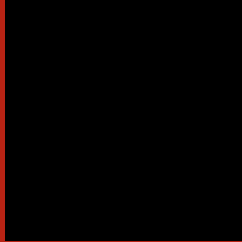
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 77.8410, -28.5156, 93.1014

Background



This preview shows how black text looks on a background with the YUV color 77.8410, -28.5156, 93.1014.



This preview shows how white text looks on a background with the YUV color 77.8410, -28.5156,

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

77.8410, -28.5156, 93.1014

Protanopia

93.1070, -29.1398, 13.0612

Deuteranopia

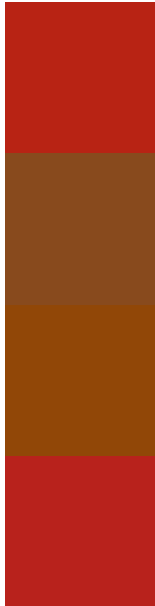
89.8950, -44.3182, 28.1561



Tritanopia

78.7360, -22.5478, 92.3165

Trichromacy



Original Color

77.8410, -28.5156, 93.1014

Protanomaly

87.4080, -28.7951, 42.6152

Deuteranomaly

85.8300, -38.8632, 51.8921

Tritanomaly

78.1660, -24.7318, 92.8164

Monochromacy



Original Color

77.8410, -28.5156, 93.1014

Achromatopsia

78.0000, 0.0000, 0.0000

Achromatomaly

77.8750, -10.2914, 34.3126

CSS Examples

Text

The CSS property to change the color of the text to YUV 77.8410, -28.5156, 93.1014 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(184, 35, 20)` looks like.

```
.text, #text, p{  
    color:rgb(184, 35, 20)  
}
```

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(184, 35, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 35, 20) }
```

Border

The CSS property to change the border of an element to YUV 77.8410, -28.5156, 93.1014 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(184, 35, 20) }
```


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

```
.border{ border-color:rgb(184, 35, 20) }
```

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

Here you see how a box with a 4 pixel rgb(184, 35, 20) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 35, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 35, 20);  
box-shadow:4px 4px 4px 4px rgb(184, 35,  
20) }
```

Background

The CSS property to change the background color of an element to YUV 77.8410, -28.5156, 93.1014 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 35, 20) }
```

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

```
.background{ background-color: rgb(184, 35,  
20) }
```

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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