

Converting Colors

YUV(79.7510, -18.6112,
89.6724)

Have a look what the booklet for
YUV(79.7510, -18.6112, 89.6724)
contains.

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Color

**YUV(79.7510, -18.6112,
89.6724)**

Conversions

Conversions Part 1

Format	Color
Hex	B6232A
RGB	182, 35, 42
RGB Percent	71%, 14%, 16%
CMY	0.2863, 0.8627, 0.8353
CMYK	0.00, 0.81, 0.77, 0.29
HSL	357°, 68%, 43%
HSV	357°, 81%, 71%
XYZ	20.3104, 11.3143, 3.3039
YIQ	79.7510, 85.3650, 33.3410

Conversions

Conversions Part 2

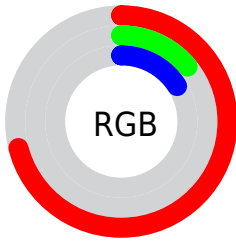
Format	Color
R_{YB}	182, 35, 42
Decimal	11936554
CIE Lab	40.10, 57.09, 34.35
CIE LCh	40, 66.632, 31.034
Yxy	11.3143, 0.5815, 0.3239
Android (android.graphics.Color)	4290126634 (0xFFB6232A)
YUV	79.7510, -18.6112, 89.6724
Hunter-Lab	33.6368, 48.9165, 17.7221

Details

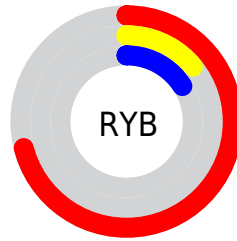
The YUV color **79.7510, -18.6112, 89.6724** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **137.2490, 18.6112, -89.6724**, and the grayscale version is **80.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **139.0520, -25.1686, 92.9164**, and **36.1790, -17.8362, 74.3880** is the 20% darker color. If you saturate the color by 10%, you get **67.2470, -20.8278, 100.6384**, and if you desaturate by 10%, it is **92.2550, -16.3947, 78.7064**.

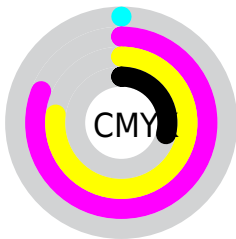
Distribution



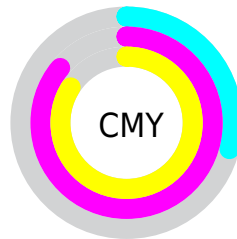
- Red (71%)
- Green (14%)
- Blue (16%)



- Red (71%)
- Yellow (14%)
- Blue (16%)



- Cyan (0%)
- Magenta (81%)
- Yellow (77%)
- Black (29%)





- Cyan (29%)
- Magenta (86%)
- Yellow (84%)

Brightness & Saturation Gradients


These gradients show how the YUV color 79.7510, -18.6112, 89.6724 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 79.7510, -18.6112, 89.6724 by changing the saturation by 10% instead.


 79.7510, -18.6112,
89.6724


 79.7510, -18.6112,
89.6724


255.0000, 0.0000,
0.0000


 47.5430, -13.0857,
90.7318


 139.0520,
-25.1686, 92.9164

 36.1790, -17.8362,
74.3880


 161.2140,
-24.2625, 82.2503


 26.9100, -13.2666,
55.3299

 180.6140,
-21.0087, 65.2365

 19.1790, -7.9762,
38.4310

 200.0140,
-17.7549, 48.2227

 8.4860, -3.6906,
17.1138

 220.2290,
-13.9169, 30.4942

 0.0000, 0.0000,
0.0000

 240.4440,

-10.0789, 12.7656

254.2020, -3.0576,
0.6998

■ 79.7510, -18.6112,
89.6724

■ 79.7510, -18.6112,
89.6724

■ 67.2470, -20.8278,
100.6384

■ 92.2550, -16.3947,
78.7064

■ 55.4440, -22.8969,
110.9896

■ 104.8730,
-13.7414, 67.6404

■ 117.9640,
-11.8143, 56.1596

■ 130.4680, -9.5977,
45.1936

■ 143.0860, -6.9444,
34.1276

■ 155.5900, -4.7279,
23.1616

■ 168.0940, -2.5113,
12.1956

■ 181.2990, -0.1474,
0.6148

■ 193.8030, 2.0691,
-10.3512

Harmonies

Analogous

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



68.2050, 13.2099, 103.3062



79.7510, -18.6112, 89.6724



87.4350, -43.1055, 59.2545

Triad

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



79.7510, -18.6112, 89.6724



71.1360, -16.8290, -62.3863



82.6570, 60.3151, -72.4902

Complementary

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



79.7510, -18.6112, 89.6724



137.2490, 18.6112, -89.6724

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.



87.9910, 50.2904, -77.1681



79.7510, -18.6112, 89.6724



79.5090, 7.6371, -69.7294

Square

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



79.7510, -18.6112, 89.6724



80.1510, -39.5144, -19.4264



85.7790, 31.6610, -75.2282



94.2310, 46.7211, -5.4646

Rectangle

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



79.7510, -18.6112, 89.6724



89.0530, -43.9031, 35.0335



85.7790, 31.6610, -75.2282



85.3640, 57.9945, -74.8642

Sweetspot

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



79.7510, -18.6112, 89.6724



197.3850, -7.0918, 34.7424



93.6180, 43.5723, 71.3720



95.6930, -4.2856, 21.3172



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.



79.7510, -18.6112, 89.6724



77.0240, -29.0988, 140.2990



117.6950, -40.7686, 56.3955



85.6910, -1.3267, 5.5330



47.4420, -19.9379, 95.2054



8.4860, -3.6906, 17.1138

Inverse Universe

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



79.7510, -18.6112, 89.6724



77.0240, -29.0988, 140.2990



99.3050, 40.7686, -56.3955



85.6910, -1.3267, 5.5330



47.4420, -19.9379, 95.2054



8.4860, -3.6906, 17.1138

Previews

White Background



This preview shows how the YUV color 79.7510, -18.6112, 89.6724 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 79.7510, -18.6112, 89.6724 looks on a 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 79.7510, -18.6112, 89.6724

Background



This preview shows how black text looks on a background with the YUV color 79.7510, -18.6112, 89.6724.



This preview shows how white text looks on a background with the YUV color 79.7510, -18.6112,

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

79.7510, -18.6112, 89.6724

Protanopia

94.2880, -16.9040, 8.5174

Deuteranopia

92.8310, -30.4827, 23.8272



Tritanopia

79.6540, -21.5214, 89.7574

Trichromacy



Original Color

79.7510, -18.6112, 89.6724

Protanomaly

88.9480, -17.7224, 37.7566

Deuteranomaly

88.4240, -26.3380, 47.8632

Tritanomaly

79.8820, -20.6478, 89.5575

Monochromacy



Original Color

79.7510, -18.6112, 89.6724

Achromatopsia

80.0000, 0.0000, 0.0000

Achromatomaly

80.0750, -6.9390, 32.3832

CSS Examples

Text

The CSS property to change the color of the text to YUV 79.7510, -18.6112, 89.6724 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(182, 35, 42)` looks like.

```
.text, #text, p{  
    color:rgb(182, 35, 42)  
}
```

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(182, 35, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 35, 42) }
```

Border

The CSS property to change the border of an element to YUV 79.7510, -18.6112, 89.6724 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(182, 35, 42) }
```


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

```
.border{ border-color:rgb(182, 35, 42) }
```

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

Here you see how a box with a 4 pixel rgb(182, 35, 42) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 35, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 35, 42);  
box-shadow:4px 4px 4px 4px rgb(182, 35,  
42) }
```

Background

The CSS property to change the background color of an element to YUV 79.7510, -18.6112, 89.6724 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 35, 42) }
```

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

```
.background{ background-color: rgb(182, 35,  
42) }
```

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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