

Converting Colors

YUV(47.7180, -18.5950,
84.4393)

Have a look what the booklet for
YUV(47.7180, -18.5950, 84.4393)
contains.

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Color

**YUV(47.7180, -18.5950,
84.4393)**

Conversions

Conversions Part 1

Format	Color
Hex	90060A
RGB	144, 6, 10
RGB Percent	56%, 2%, 4%
CMY	0.4353, 0.9765, 0.9608
CMYK	0.00, 0.96, 0.93, 0.44
HSL	358°, 92%, 29%
HSV	358°, 96%, 56%
XYZ	11.6215, 6.0815, 0.8485
YIQ	47.7180, 80.9640, 30.5000

Conversions

Conversions Part 2

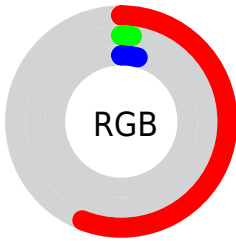
Format	Color
RYB	144, 6, 10
Decimal	9438730
CIELab	29.62, 51.54, 38.93
CIELCh	30, 64.591, 37.062
Yxy	6.0815, 0.6264, 0.3278
Android (android.graphics.Color)	4287628810 (0xFF90060A)
YUV	47.7180, -18.5950, 84.4393
Hunter-Lab	24.6606, 40.9635, 15.2225

Details

The YUV color **47.7180, -18.5950, 84.4393** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **102.2820, 18.5950, -84.4393**, and the grayscale version is **48.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **110.7150, -27.4675, 83.5649**, and **25.1160, -12.3822, 51.6413** is the 20% darker color. If you saturate the color by 10%, you get **43.5120, -19.4794, 88.1280**, and if you desaturate by 10%, it is **57.5320, -16.5313, 75.8324**.

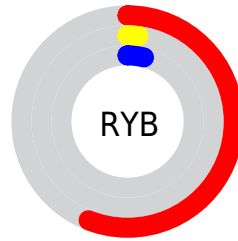
Distribution



Red (56%)

Green (2%)

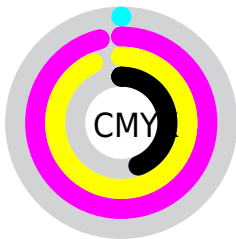
Blue (4%)



Red (56%)

Yellow (2%)

Blue (4%)

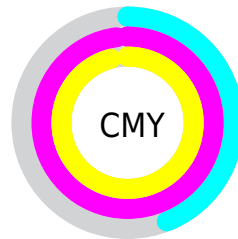


Cyan (0%)

Magenta (96%)

Yellow (93%)

Black (44%)



Cyan (44%)


Magenta (98%)


Yellow (96%)


Brightness & Saturation Gradients


These gradients show how the YUV color 47.7180, -18.5950, 84.4393 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 47.7180, -18.5950, 84.4393 by changing the saturation by 10% instead.


 47.7180, -18.5950,
84.4393

 47.7180, -18.5950,
84.4393


 252.9480, -7.8624,
1.7996


 34.0860, -16.8044,
70.0846


 110.7150,
-27.4675, 83.5649


 25.1160, -12.3822,
51.6413

 138.4550,
-29.8043, 86.4240


 17.2710, -7.5286,
34.8423

 162.4220,
-29.7880, 81.1909

 4.7840, -2.3585,
9.8364


 181.8220,
-26.5342, 64.1771


 0.0000, 0.0000,
0.0000


 201.2220,
-23.2804, 47.1633


 221.3230,


-19.8792, 29.5347


 241.5380,
-16.0412, 11.8062


 47.7180, -18.5950,
84.4393


 47.7180, -18.5950,
84.4393


 43.5120, -19.4794,
88.1280

 57.5320, -16.5313,
75.8324

 67.9330, -14.7570,
66.7108

 77.7470, -12.6933,
58.1039

 88.1480, -10.9190,
48.9822

 97.9620, -8.8553,
40.3753

■ 107.7760, -6.7916,
31.7684

■ 118.1770, -5.0173,
22.6468

■ 127.9910, -2.9536,
14.0399

■ 138.3920, -1.1793,
4.9182

Harmonies

Analogous

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



52.7010, 4.0914, 87.9622



47.7180, -18.5950, 84.4393



64.6210, -31.8582, 45.0594

Triad

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



47.7180, -18.5950, 84.4393



54.1470, -13.3835, -47.4869



62.3450, 53.5669, -54.6766

Complementary

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



47.7180, -18.5950, 84.4393



102.2820, 18.5950, -84.4393

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.



68.5910, 47.0366, -60.1543



47.7180, -18.5950, 84.4393



61.4770, 9.6248, -53.9153

Square

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



47.7180, -18.5950, 84.4393



51.1240, -25.2041, -36.0657



67.0630, 31.0279, -58.8143



69.5980, 40.1312, 8.2456

Rectangle

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



47.7180, -18.5950, 84.4393



65.9510, -32.5138, 21.9680



67.0630, 31.0279, -58.8143



65.9810, 52.2674, -57.8653

Sweetspot

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



47.7180, -18.5950, 84.4393



148.3740, -7.0864, 32.9980



61.4990, 40.6730, 67.9684



70.9810, -4.4276, 20.1877



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



47.7180, -18.5950, 84.4393



56.1840, -25.2337, 113.8486



84.8300, -38.8632, 51.8921



66.0930, -1.0318, 4.3034



40.8210, -18.1528, 82.5950



2.3920, -1.1793, 4.9182

Inverse Universe

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



47.7180, -18.5950, 84.4393



56.1840, -25.2337, 113.8486



65.1700, 38.8632, -51.8921



66.0930, -1.0318, 4.3034



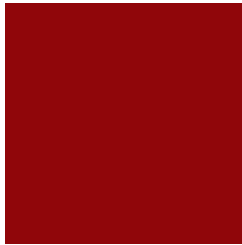
40.8210, -18.1528, 82.5950



2.3920, -1.1793, 4.9182

Previews

White Background



This preview shows how the YUV color 47.7180, -18.5950, 84.4393 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 ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 47.7180, -18.5950, 84.4393

Background



This preview shows how black text looks on a background with the YUV color 47.7180, -18.5950, 84.4393.



This preview shows how white text looks on a background with the YUV color 47.7180, -18.5950,

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

47.7180, -18.5950, 84.4393

Protanopia

69.9910, -23.1666, 10.5319

Deuteranopia

68.0110, -33.5294, 21.0384



Tritanopia

50.3880, -24.8413, 81.2207

Trichromacy



Original Color

47.7180, -18.5950, 84.4393

Protanomaly

62.2100, -21.7955, 37.5268

Deuteranomaly

60.6470, -27.9270, 44.1596

Tritanomaly

49.0830, -22.2259, 82.3652

Monochromacy



Original Color

47.7180, -18.5950, 84.4393

Achromatopsia

48.0000, 0.0000, 0.0000

Achromatomaly

48.0640, -6.9336, 30.6389

CSS Examples

Text

The CSS property to change the color of the text to YUV 47.7180, -18.5950, 84.4393 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(144, 6, 10)` looks like.

```
.text, #text, p{  
    color:rgb(144, 6, 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(144, 6, 10) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 6, 10) }
```

Border

The CSS property to change the border of an element to YUV 47.7180, -18.5950, 84.4393 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(144, 6, 10) }
```


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

```
.border{ border-color:rgb(144, 6, 10) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 6, 10)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 6, 10); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 6, 10);  
box-shadow:4px 4px 4px 4px rgb(144, 6, 10)  
}
```

Background

The CSS property to change the background color of an element to YUV 47.7180, -18.5950, 84.4393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 6, 10) }
```

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

```
.background{ background-color: rgb(144, 6,  
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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