

Converting Colors

YUV(45.7470, -22.5533,
94.0609)

Have a look what the booklet for
YUV(45.7470, -22.5533, 94.0609)
contains.

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Color

**YUV(45.7470, -22.5533,
94.0609)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 990000 |
| RGB | 153, 0, 0 |
| RGB Percent | 60%, 0%, 0% |
| CMY | 0.4000, 1.0000, 1.0000 |
| CMYK | 0.00, 1.00, 1.00, 0.40 |
| HSL | 0°, 100%, 30% |
| HSV | 0°, 100%, 60% |
| XYZ | 13.1369, 6.7723, 0.6148 |
| YIQ | 45.7470, 91.1880, 32.4360 |

Conversions

Conversions Part 2

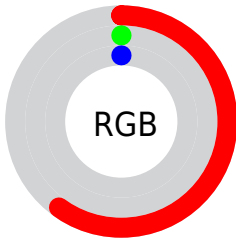
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 153, 0, 0 |
| Decimal | 10027008 |
| CIELab | 31.28, 54.71, 45.14 |
| CIELCh | 31, 70.930, 39.526 |
| Yxy | 6.7723, 0.6401, 0.3300 |
| Android (android.graphics.Color) | 4288217088 (0xFF990000) |
| YUV | 45.7470, -22.5533, 94.0609 |
| Hunter-Lab | 26.0237, 44.5663, 16.8159 |

Details

The YUV color **45.7470, -22.5533, 94.0609** is a dark color, and the websafe version is hex **990000**, and the color name is **crimson red**. A complement of this color would be **107.2530, 22.5533, -94.0609**, and the grayscale version is **46.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **112.7930, -32.4359, 90.5125**, and **27.5080, -13.5614, 56.5595** is the 20% darker color. If you saturate the color by 10%, you get **45.7470, -22.5533, 94.0609**, and if you desaturate by 10%, it is **56.2620, -20.3422, 84.8392**.

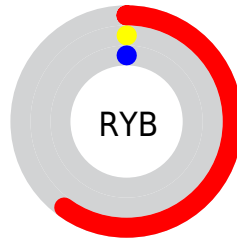
Distribution



Red (60%)

Green (0%)

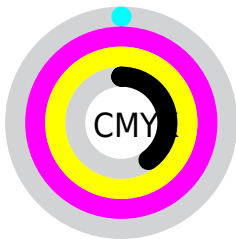
Blue (0%)



Red (60%)

Yellow (0%)

Blue (0%)

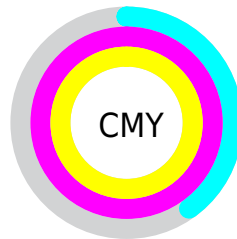


Cyan (0%)

Magenta (100%)

Yellow (100%)

Black (40%)



Cyan (40%)


Magenta (100%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the YUV color 45.7470, -22.5533, 94.0609 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 45.7470, -22.5533, 94.0609 by changing the saturation by 10% instead.


 45.7470, -22.5533,
94.0609


 45.7470, -22.5533,
94.0609


 252.0360,
-11.3567, 2.5994


 36.4780, -17.9837,
75.0028


 112.7930,
-32.4359, 90.5125


 27.5080, -13.5614,
56.5595


 141.5330,
-34.7728, 93.3716


 19.3640, -8.5605,
39.1458

 162.2110,
-33.1350, 81.3760

 9.3830, -4.1328,
18.9581


 181.6110,
-29.8812, 64.3622


 0.0000, 0.0000,
0.0000


 201.0110,
-26.6274, 47.3484


 221.1120,


-23.2262, 29.7198


 241.2130,
-19.8250, 12.0912


 45.7470, -22.5533,
94.0609

 56.2620, -20.3422,
84.8392

 67.4780, -17.9837,
75.0028

 77.9930, -15.7725,
65.7811

 88.5080, -13.5614,
56.5595

 99.7240, -11.2029,
46.7231

■ 110.2390, -8.9918,
37.5014

■ 120.7540, -6.7807,
28.2797

■ 131.2690, -4.5696,
19.0581

■ 142.4850, -2.2111,
9.2217

Harmonies

Analogous

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



56.0610, 1.4489, 95.5395



45.7470, -22.5533, 94.0609



69.0510, -34.0421, 45.5593

Triad

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



45.7470, -22.5533, 94.0609



58.1250, -13.3726, -50.9756



65.8160, 59.2507, -57.7206

Complementary

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



45.7470, -22.5533, 94.0609



107.2530, 22.5533, -94.0609

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.



73.3500, 52.5785, -64.3280



45.7470, -22.5533, 94.0609



66.1390, 12.2565, -58.0039

Square

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



45.7470, -22.5533, 94.0609



51.6560, -25.4664, -45.3023



72.1810, 35.4068, -63.3027



72.5650, 43.5985, 16.1675

Rectangle

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



45.7470, -22.5533, 94.0609



69.7720, -34.3976, 19.4940



72.1810, 35.4068, -63.3027



69.4520, 57.9512, -60.9094

Sweetspot

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



45.7470, -22.5533, 94.0609



156.9400, -8.8444, 36.8866



63.1890, 44.2768, 78.7642



74.4650, -5.1592, 21.5172



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



45.7470, -22.5533, 94.0609



59.5010, -29.3340, 122.3406



90.9460, -44.8364, 54.4214



71.3920, -1.1793, 4.9182



41.8600, -20.6370, 86.0688



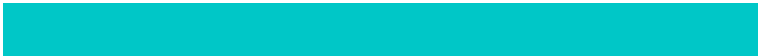
3.8870, -1.9163, 7.9921

Inverse Universe

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



107.2530, 22.5533, -94.0609



139.4990, 29.3340, -122.3406



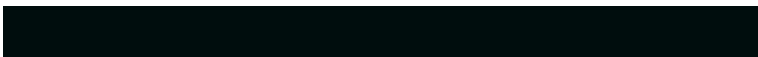
62.6410, 44.5470, -54.9362



74.6080, 1.1793, -4.9182



98.1400, 20.6370, -86.0688



9.1130, 1.9163, -7.9921

Previews

White Background



This preview shows how the YUV color 45.7470, -22.5533, 94.0609 looks on a white background.

Color Contrast Check

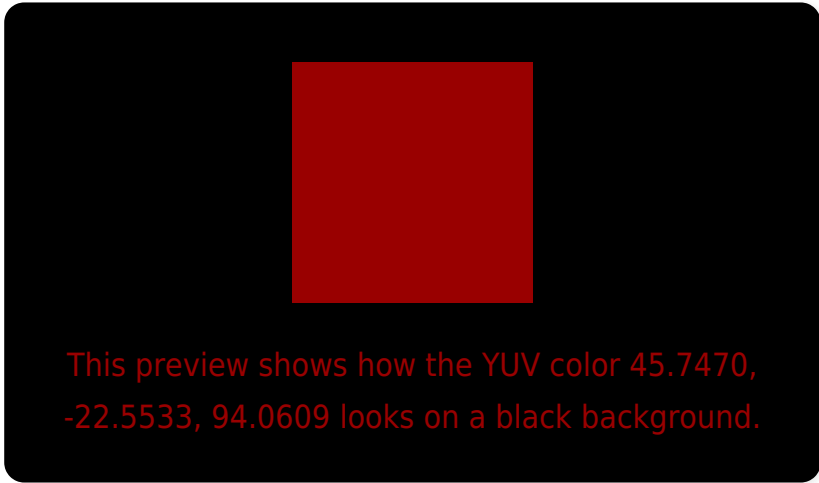
Large Text (above 18pt) WCAG AA ✓ Pass

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

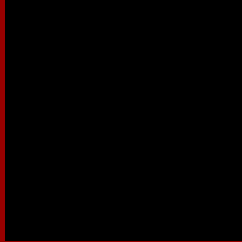
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 45.7470, -22.5533, 94.0609

Background



This preview shows how black text looks on a background with the YUV color 45.7470, -22.5533, 94.0609.



This preview shows how white text looks on a background with the YUV color 45.7470, -22.5533,

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



Protanopia

73.4920, -26.3716, 11.8465

Deuteranopia

71.8540, -35.4240, 22.0530

Tritanopia

53.6660, -26.4573, 86.2389

Trichromacy



Protanomaly

63.4340, -24.8640, 41.7154

Deuteranomaly

61.9850, -30.5586, 48.2482

Tritanomaly

50.7310, -25.0104, 88.8129

Monochromacy



Achromatopsia

46.0000, 0.0000, 0.0000

Achromatomaly

45.7440, -8.2548, 34.4275

CSS Examples

Text

The CSS property to change the color of the text to YUV 45.7470, -22.5533, 94.0609 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(153, 0, 0)` looks like.

```
.text, #text, p{  
    color:rgb(153, 0, 0)  
}
```

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(153, 0, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 0, 0) }
```

Border

The CSS property to change the border of an element to YUV 45.7470, -22.5533, 94.0609 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(153, 0, 0) }
```

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

```
.border{ border-color:rgb(153, 0, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 0, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 0, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(153, 0, 0); box-shadow:4px  
4px 4px 4px rgb(153, 0, 0) }
```


Background

The CSS property to change the background color of an element to YUV 45.7470, -22.5533, 94.0609 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 0, 0) }
```

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

```
.background{ background-color: rgb(153, 0,  
0) }
```

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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