

Converting Colors

YUV(38.6790, -6.2507, 45.0085)

Have a look what the booklet for
YUV(38.6790, -6.2507, 45.0085)
contains.

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Color

**YUV(38.6790, -6.2507,
45.0085)**

Conversions

Conversions Part 1

Format	Color
Hex	5A0F1A
RGB	90, 15, 26
RGB Percent	35%, 6%, 10%
CMY	0.6471, 0.9412, 0.8980
CMYK	0.00, 0.83, 0.71, 0.65
HSL	351°, 71%, 21%
HSV	351°, 83%, 35%
XYZ	4.5737, 2.5899, 1.2361
YIQ	38.6790, 41.1690, 19.3210

Conversions

Conversions Part 2

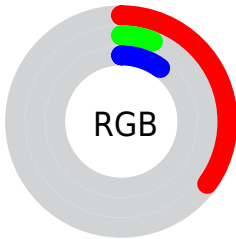
Format	Color
RYB	90, 15, 26
Decimal	5902106
CIELab	18.32, 33.93, 14.22
CIELCh	18, 36.792, 22.742
Yxy	2.5899, 0.5445, 0.3083
Android (android.graphics.Color)	4284092186 (0xFF5A0F1A)
YUV	38.6790, -6.2507, 45.0085
Hunter-Lab	16.0931, 22.5674, 6.7111

Details

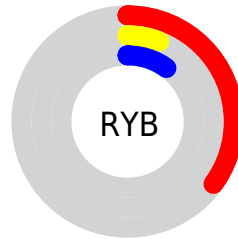
The YUV color **38.6790, -6.2507, 45.0085** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **66.3210, 6.2507, -45.0085**, and the grayscale version is **39.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **89.3760, -10.0454, 48.7822**, and **12.0740, -5.4595, 24.4911** is the 20% darker color. If you saturate the color by 10%, you get **32.4840, -7.1406, 50.4415**, and if you desaturate by 10%, it is **44.8740, -5.3609, 39.5755**.

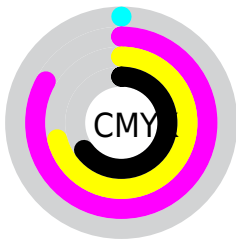
Distribution



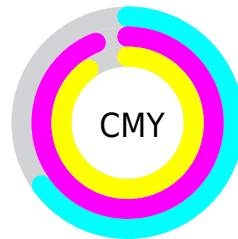
- Red (35%)
- Green (6%)
- Blue (10%)



- Red (35%)
- Yellow (6%)
- Blue (10%)



- Cyan (0%)
- Magenta (83%)
- Yellow (71%)
- Black (65%)



- Cyan (65%)
- Magenta (94%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the YUV color 38.6790, -6.2507, 45.0085 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 38.6790, -6.2507, 45.0085 by changing the saturation by 10% instead.

■ 38.6790, -6.2507,
45.0085

■ 38.6790, -6.2507,
45.0085

■ 254.1850, -0.5842,
0.7148

■ 19.1360, -9.4340,
39.3457

■ 89.3760, -10.0454,
48.7822

■ 12.0740, -5.4595,
24.4911

■ 115.0450,
-11.3612, 50.8265

■ 0.0000, 0.0000,
0.0000

■ 141.8280,
-12.2402, 52.7708

■ 168.7250,
-12.6824, 54.6152

■ 194.7140,
-12.6770, 52.8708

■ 214.2280, -8.9864,

35.7570

■ 233.8560, -4.8590,
18.5433

■ 38.6790, -6.2507,
45.0085

■ 38.6790, -6.2507,
45.0085

■ 32.4840, -7.1406,
50.4415

■ 44.8740, -5.3609,
39.5755

■ 28.3920, -7.5883,
54.0302

■ 50.9550, -4.9078,
34.2425

■ 57.1500, -4.0179,
28.8095

■ 63.3450, -3.1281,
23.3764

■ 69.4260, -2.6750,
18.0434

■ 75.6210, -1.7852,
12.6104

■ 81.8160, -0.8953,
7.1774

■ 87.8970, -0.4422,
1.8443

■ 94.0920, 0.4476,
-3.5887

Harmonies

Analogous

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



39.2840, 6.2690, 42.7239



38.6790, -6.2507, 45.0085



40.9430, -20.1849, 34.2530

Triad

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



38.6790, -6.2507, 45.0085



32.6100, -12.1327, -28.5990



40.5220, 28.3367, -35.5378

Complementary

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



38.6790, -6.2507, 45.0085



66.3210, 6.2507, -45.0085

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.



42.2030, 22.0849, -37.0120



38.6790, -6.2507, 45.0085



37.0900, -0.0444, -32.5279

Square

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



38.6790, -6.2507, 45.0085



40.1250, -19.7816, -1.8636



40.2820, 12.1860, -35.3273



42.5570, 25.3614, -14.5205

Rectangle

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



38.6790, -6.2507, 45.0085



42.9370, -21.1679, 22.8573



40.2820, 12.1860, -35.3273



41.4680, 26.8843, -36.3674

Sweetspot

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



38.6790, -6.2507, 45.0085



97.1270, -2.5276, 17.4286



42.6860, 23.3258, 31.8474



46.7240, -1.3429, 10.7661



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



38.6790, -6.2507, 45.0085



36.9210, -9.8211, 70.2293



52.6870, -18.5797, 32.7235



42.6090, -0.3002, 2.9739



34.7140, -9.2260, 66.0258



74.8530, -19.6475, 142.2029

Inverse Universe

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



38.6790, -6.2507, 45.0085



36.9210, -9.8211, 70.2293



52.3130, 18.5797, -32.7235



42.6090, -0.3002, 2.9739



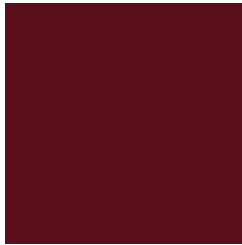
34.7140, -9.2260, 66.0258



74.8530, -19.6475, 142.2029

Previews

White Background



This preview shows how the YUV color 38.6790, -6.2507, 45.0085 looks on a white background.

Color Contrast Check

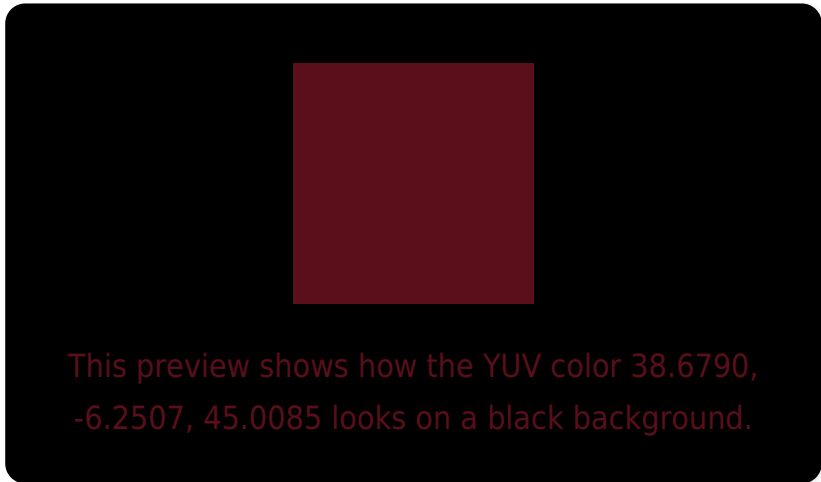
Large Text (above 18pt) WCAG AA ✓ Pass

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 38.6790, -6.2507, 45.0085

Background



This preview shows how black text looks on a background with the YUV color 38.6790, -6.2507, 45.0085.



This preview shows how white text looks on a background with the YUV color 38.6790, -6.2507,

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

38.6790, -6.2507, 45.0085

Protanopia

46.7570, -4.8102, 2.8441

Deuteranopia

46.2650, -11.9626, 10.2916



Tritanopia

38.8270, -10.7607, 44.8787

Trichromacy



Original Color

38.6790, -6.2507, 45.0085

Protanomaly

43.7420, -5.2958, 18.6433

Deuteranomaly

43.5100, -10.1114, 23.2317

Tritanomaly

38.5820, -9.1609, 45.0936

Monochromacy



Original Color

38.6790, -6.2507, 45.0085

Achromatopsia

39.0000, 0.0000, 0.0000

Achromatomaly

38.8280, -2.3802, 16.8138

CSS Examples

Text

The CSS property to change the color of the text to YUV 38.6790, -6.2507, 45.0085 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(90, 15, 26)` looks like.

```
.text, #text, p{  
    color:rgb(90, 15, 26)  
}
```

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(90, 15, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 15, 26) }
```

Border

The CSS property to change the border of an element to YUV 38.6790, -6.2507, 45.0085 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(90, 15, 26) }
```


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

```
.border{ border-color:rgb(90, 15, 26) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 15, 26)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 15, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 15, 26);  
box-shadow:4px 4px 4px 4px rgb(90, 15, 26)  
}
```

Background

The CSS property to change the background color of an element to YUV 38.6790, -6.2507, 45.0085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 15, 26) }
```

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

```
.background{ background-color: rgb(90, 15,  
26) }
```

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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