

Converting Colors

YUV(45.6140, -7.6977, 42.4345)

Have a look what the booklet for
YUV(45.6140, -7.6977, 42.4345)
contains.

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Color

**YUV(45.6140, -7.6977,
42.4345)**

Conversions

Conversions Part 1

Format	Color
Hex	5E181E
RGB	94, 24, 30
RGB Percent	37%, 9%, 12%
CMY	0.6314, 0.9059, 0.8824
CMYK	0.00, 0.74, 0.68, 0.63
HSL	355°, 59%, 23%
HSV	355°, 74%, 37%
XYZ	5.1771, 3.1267, 1.5589
YIQ	45.6140, 39.7940, 16.7060

Conversions

Conversions Part 2

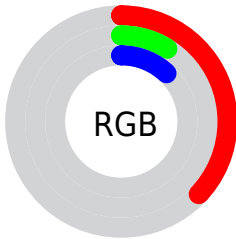
Format	Color
R_YB	94, 24, 30
Decimal	6166558
CIE _{Lab}	20.54, 32.01, 14.44
CIE _{LCh}	21, 35.122, 24.282
Yxy	3.1267, 0.5249, 0.3170
Android (android.graphics.Color)	4284356638 (0xFF5E181E)
YUV	45.6140, -7.6977, 42.4345
Hunter-Lab	17.6824, 21.3170, 7.1505

Details

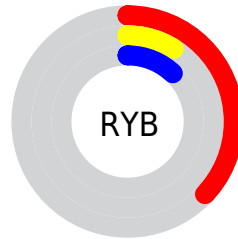
The YUV color **45.6140, -7.6977, 42.4345** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **72.3860, 7.6977, -42.4345**, and the grayscale version is **46.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **95.8380, -10.7661, 46.6231**, and **13.5690, -6.1965, 27.5650** is the 20% darker color. If you saturate the color by 10%, you get **39.3050, -9.0244, 47.9675**, and if you desaturate by 10%, it is **51.9230, -6.3710, 36.9015**.

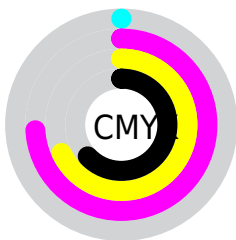
Distribution



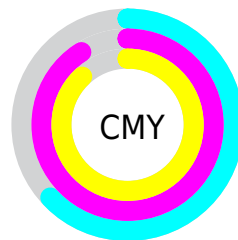
- Red (37%)
- Green (9%)
- Blue (12%)



- Red (37%)
- Yellow (9%)
- Blue (12%)



- Cyan (0%)
- Magenta (74%)
- Yellow (68%)
- Black (63%)



- Cyan (63%)
- Magenta (91%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YUV color 45.6140, -7.6977, 42.4345 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 45.6140, -7.6977, 42.4345 by changing the saturation by 10% instead.

■ 45.6140, -7.6977,
42.4345

■ 45.6140, -7.6977,
42.4345

255.0000, 0.0000,
0.0000

■ 20.9020, -7.8397,
41.3049

■ 95.8380, -10.7661,
46.6231

■ 13.5690, -6.1965,
27.5650

■ 121.5070,
-12.0820, 48.6674

■ 0.0000, 0.0000,
0.0000

■ 147.7030,
-12.6716, 51.1265

■ 175.1870,
-13.4032, 52.4560

■ 199.9800,
-12.8081, 48.2525

■ 219.6080, -8.6807,

31.0388

239.2360, -4.5533,
13.8250

45.6140, -7.6977,
42.4345

45.6140, -7.6977,
42.4345

39.3050, -9.0244,
47.9675

51.9230, -6.3710,
36.9015

32.5230, -9.6248,
53.9153

58.7050, -5.7706,
30.9537

29.0180, -10.3619,
56.9892

65.0140, -4.4439,
25.4207

71.7960, -3.8434,
19.4729

78.1050, -2.5168,
13.9399

■ 84.4140, -1.1901,
8.4069

■ 91.1960, -0.5896,
2.4591

■ 97.5050, 0.7370,
-3.0739

■ 104.2870, 1.3375,
-9.0217

Harmonies

Analogous

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



46.8060, 4.5326, 39.6351



45.6140, -7.6977, 42.4345



46.7040, -21.0531, 32.7086

Triad

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



45.6140, -7.6977, 42.4345



36.5710, -9.6485, -32.0728



43.2120, 28.4895, -37.8969

Complementary

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



45.6140, -7.6977, 42.4345



72.3860, 7.6977, -42.4345

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.



45.0070, 22.6745, -39.4711



45.6140, -7.6977, 42.4345



40.8230, 1.5663, -35.8018

Square

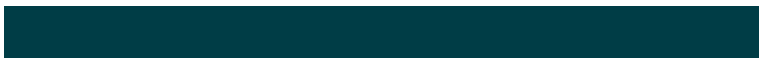
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



45.6140, -7.6977, 42.4345



44.2560, -21.8182, -1.9785



43.7870, 12.9230, -38.4012



48.8350, 23.7453, -9.5023

Rectangle

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



45.6140, -7.6977, 42.4345



47.0680, -23.2045, 22.7424



43.7870, 12.9230, -38.4012



44.1580, 27.0371, -38.7266

Sweetspot

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



45.6140, -7.6977, 42.4345



103.4150, -2.6696, 16.2990



50.8170, 21.2892, 31.7325



50.0120, -1.4849, 9.6365



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



45.6140, -7.6977, 42.4345



46.7310, -11.6994, 66.0109



61.3660, -18.4214, 28.6200



42.6090, -0.3002, 2.9739



33.9160, -12.2836, 66.7257



73.1430, -26.1995, 143.7026

Inverse Universe

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



45.6140, -7.6977, 42.4345



46.7310, -11.6994, 66.0109



56.6340, 18.4214, -28.6200



42.6090, -0.3002, 2.9739



33.9160, -12.2836, 66.7257



73.1430, -26.1995, 143.7026

Previews

White Background



This preview shows how the YUV color 45.6140, -7.6977, 42.4345 looks on a white background.

Color Contrast Check

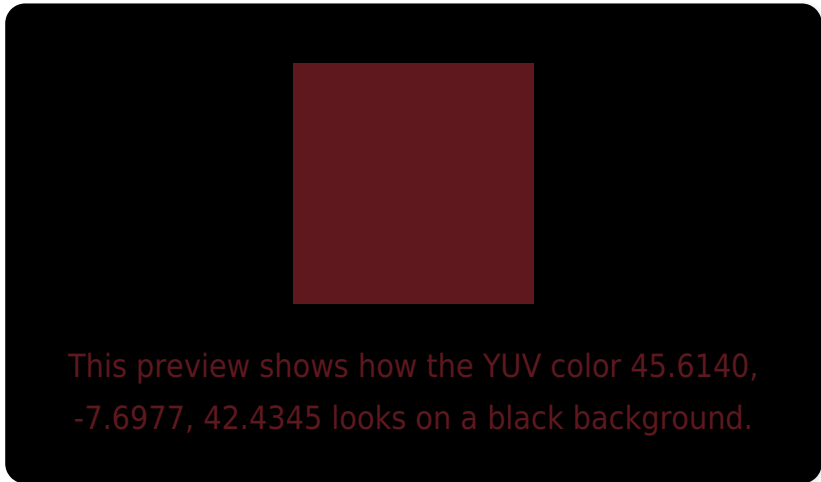
Large Text (above 18pt) WCAG AA ✓ Pass

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

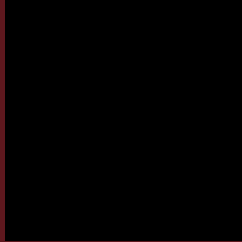
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 45.6140, -7.6977, 42.4345

Background



This preview shows how black text looks on a background with the YUV color 45.6140, -7.6977, 42.4345.



This preview shows how white text looks on a background with the YUV color 45.6140, -7.6977,

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

45.6140, -7.6977, 42.4345

Protanopia

50.6430, -5.2470, 2.9441

Deuteranopia

50.5640, -12.1101, 10.9064



Tritanopia

45.7450, -9.7343, 42.3196

Trichromacy



Original Color

45.6140, -7.6977, 42.4345

Protanomaly

48.8020, -6.3114, 17.7136

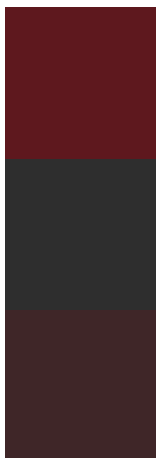
Deuteranomaly

48.6840, -10.6902, 22.2021

Tritanomaly

45.8590, -9.2975, 42.2197

Monochromacy



Original Color

45.6140, -7.6977, 42.4345

Achromatopsia

46.0000, 0.0000, 0.0000

Achromatomaly

45.7030, -2.8116, 15.1695

CSS Examples

Text

The CSS property to change the color of the text to YUV 45.6140, -7.6977, 42.4345 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(94, 24, 30)` looks like.

```
.text, #text, p{  
    color:rgb(94, 24, 30)  
}
```

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(94, 24, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 24, 30) }
```

Border

The CSS property to change the border of an element to YUV 45.6140, -7.6977, 42.4345 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(94, 24, 30) }
```


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

```
.border{ border-color:rgb(94, 24, 30) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 24, 30)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 24, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 24, 30);  
box-shadow:4px 4px 4px 4px rgb(94, 24, 30)  
}
```

Background

The CSS property to change the background color of an element to YUV 45.6140, -7.6977, 42.4345 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 24, 30) }
```

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

```
.background{ background-color: rgb(94, 24,  
30) }
```

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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