

Converting Colors

YUV(41.9350, -7.8560, 46.5380)

Have a look what the booklet for
YUV(41.9350, -7.8560, 46.5380)
contains.

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Color

**YUV(41.9350, -7.8560,
46.5380)**

Conversions

Conversions Part 1

Format	Color
Hex	5F121A
RGB	95, 18, 26
RGB Percent	37%, 7%, 10%
CMY	0.6275, 0.9294, 0.8980
CMYK	0.00, 0.81, 0.73, 0.63
HSL	354°, 68%, 22%
HSV	354°, 81%, 37%
XYZ	5.1221, 2.9401, 1.2748
YIQ	41.9350, 43.3240, 18.8120

Conversions

Conversions Part 2

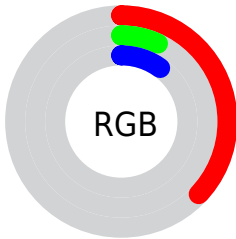
Format	Color
R_{YB}	95, 18, 26
Decimal	6230554
CIE _{Lab}	19.80, 34.54, 16.31
CIE _{LCh}	20, 38.198, 25.283
Yxy	2.9401, 0.5486, 0.3149
Android (android.graphics.Color)	4284420634 (0xFF5F121A)
YUV	41.9350, -7.8560, 46.5380
Hunter-Lab	17.1467, 23.3150, 7.5946

Details

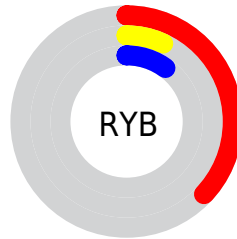
The YUV color **41.9350, -7.8560, 46.5380** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **71.0650, 7.8560, -46.5380**, and the grayscale version is **42.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **92.6320, -11.6506, 50.3117**, and **13.6830, -5.7597, 27.4650** is the 20% darker color. If you saturate the color by 10%, you get **35.0390, -8.8932, 52.5858**, and if you desaturate by 10%, it is **48.8310, -6.8187, 40.4902**.

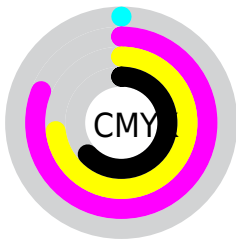
Distribution



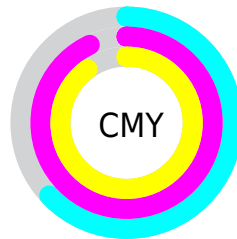
- Red (37%)
- Green (7%)
- Blue (10%)



- Red (37%)
- Yellow (7%)
- Blue (10%)



- Cyan (0%)
- Magenta (81%)
- Yellow (73%)
- Black (63%)



- Cyan (63%)
- Magenta (93%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the YUV color 41.9350, -7.8560, 46.5380 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 41.9350, -7.8560, 46.5380 by changing the saturation by 10% instead.

■ 41.9350, -7.8560,
46.5380

■ 41.9350, -7.8560,
46.5380

254.7720, -0.8736,
0.2000

■ 20.6310, -10.1711,
42.4196

■ 92.6320, -11.6506,
50.3117

■ 13.6830, -5.7597,
27.4650

■ 118.7140,
-12.6770, 52.8708

■ 0.0000, 0.0000,
0.0000

■ 145.3830,
-13.9928, 54.9151

■ 172.5790,
-14.5824, 57.3742

■ 196.4750,
-13.5452, 51.3264

■ 215.9890, -9.8546,

34.2126

■ 236.2040, -6.0166,
16.4841

■ 41.9350, -7.8560,
46.5380

■ 41.9350, -7.8560,
46.5380

■ 35.0390, -8.8932,
52.5858

■ 48.8310, -6.8187,
40.4902

■ 29.5450, -9.6357,
57.4040

■ 55.0260, -5.9288,
35.0572

■ 61.9220, -4.8915,
29.0094

■ 68.1170, -4.0017,
23.5764

■ 75.0130, -2.9644,
17.5286

■ 81.2080, -2.0745,
12.0956

■ 88.1040, -1.0373,
6.0478

■ 94.2990, -0.1474,
0.6148

■ 101.1950, 0.8899,
-5.4330

Harmonies

Analogous

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



42.4800, 5.6794, 45.1830



41.9350, -7.8560, 46.5380



44.4870, -21.9321, 34.6529

Triad

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



41.9350, -7.8560, 46.5380



35.5280, -11.1063, -31.1581



42.9670, 30.0893, -37.6821

Complementary

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



41.9350, -7.8560, 46.5380



71.0650, 7.8560, -46.5380

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.



44.7620, 24.2743, -39.2563



41.9350, -7.8560, 46.5380



40.0080, 0.9821, -35.0870

Square

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



41.9350, -7.8560, 46.5380



42.4730, -20.9392, -3.9228



43.3140, 13.6492, -37.9864



46.4050, 25.9293, -10.0022

Rectangle

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



41.9350, -7.8560, 46.5380



45.2960, -22.3309, 22.5424



43.3140, 13.6492, -37.9864



43.9130, 28.6369, -38.5117

Sweetspot

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



41.9350, -7.8560, 46.5380



102.0130, -2.9644, 17.5286



47.1100, 23.6098, 34.1065



48.6100, -1.7797, 10.8660



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.



41.9350, -7.8560, 46.5380



40.6500, -12.1524, 71.3439



58.6330, -20.0321, 31.8939



45.1960, -0.5896, 2.4591



34.8560, -11.2680, 67.6553



74.6100, -24.4577, 145.0470

Inverse Universe

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



41.9350, -7.8560, 46.5380



40.6500, -12.1524, 71.3439



54.3670, 20.0321, -31.8939



45.1960, -0.5896, 2.4591



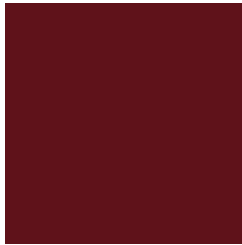
34.8560, -11.2680, 67.6553



74.6100, -24.4577, 145.0470

Previews

White Background



This preview shows how the YUV color 41.9350, -7.8560, 46.5380 looks on a white background.

Color Contrast Check

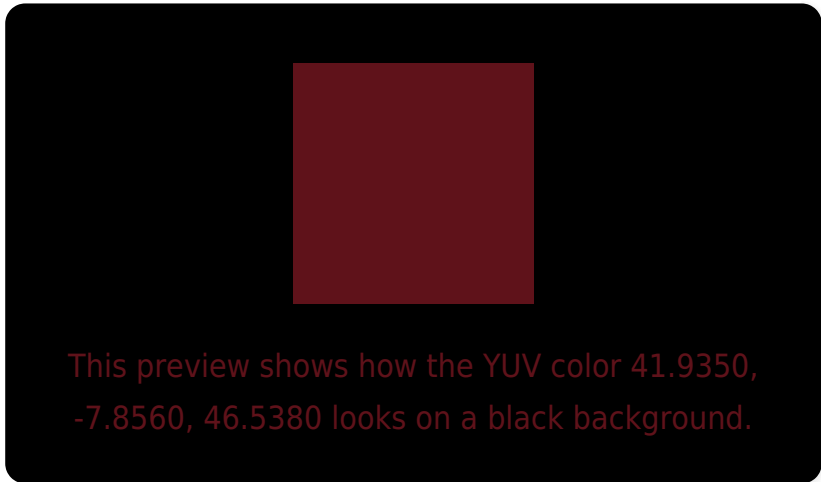
Large Text (above 18pt) WCAG AA ✓ Pass

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

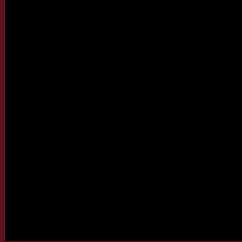
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 41.9350, -7.8560, 46.5380

Background



This preview shows how black text looks on a background with the YUV color 41.9350, -7.8560, 46.5380.



This preview shows how white text looks on a background with the YUV color 41.9350, -7.8560,

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

41.9350, -7.8560, 46.5380

Protanopia

49.7140, -6.2680, 3.7588

Deuteranopia

49.1080, -13.8572, 11.3063



Tritanopia

41.7240, -11.2029, 46.7231

Trichromacy



Original Color

41.9350, -7.8560, 46.5380

Protanomaly

46.6990, -6.7536, 19.5580

Deuteranomaly

46.4670, -11.5692, 24.1464

Tritanomaly

42.0660, -9.8925, 46.4231

Monochromacy



Original Color

41.9350, -7.8560, 46.5380

Achromatopsia

42.0000, 0.0000, 0.0000

Achromatomaly

41.7140, -2.8170, 16.9138

CSS Examples

Text

The CSS property to change the color of the text to YUV 41.9350, -7.8560, 46.5380 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(95, 18, 26)` looks like.

```
.text, #text, p{  
    color:rgb(95, 18, 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(95, 18, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 18, 26) }
```

Border

The CSS property to change the border of an element to YUV 41.9350, -7.8560, 46.5380 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(95, 18, 26) }
```


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

```
.border{ border-color:rgb(95, 18, 26) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 18, 26)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 18, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 18, 26);  
box-shadow:4px 4px 4px 4px rgb(95, 18, 26)  
}
```

Background

The CSS property to change the background color of an element to YUV 41.9350, -7.8560, 46.5380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 18, 26) }
```

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

```
.background{ background-color: rgb(95, 18,  
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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