

Converting Colors

YUV(40.3020, -14.4459,
60.2481)

Have a look what the booklet for
YUV(40.3020, -14.4459, 60.2481)
contains.

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Color

**YUV(40.3020, -14.4459,
60.2481)**

Conversions

Conversions Part 1

Format	Color
Hex	6D0B0B
RGB	109, 11, 11
RGB Percent	43%, 4%, 4%
CMY	0.5725, 0.9569, 0.9569
CMYK	0.00, 0.90, 0.90, 0.57
HSL	0°, 82%, 24%
HSV	0°, 90%, 43%
XYZ	6.4868, 3.5147, 0.6531
YIQ	40.3020, 58.4080, 20.7760

Conversions

Conversions Part 2

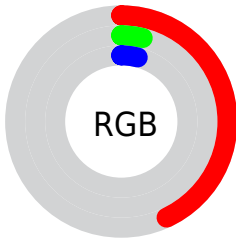
Format	Color
RYB	109, 11, 11
Decimal	7146251
CIELab	22.00, 40.55, 28.58
CIELCh	22, 49.611, 35.182
Yxy	3.5147, 0.6088, 0.3299
Android (android.graphics.Color)	4285336331 (0xFF6D0B0B)
YUV	40.3020, -14.4459, 60.2481
Hunter-Lab	18.7476, 28.9536, 11.0578

Details

The YUV color **40.3020, -14.4459, 60.2481** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **79.6980, 14.4459, -60.2481**, and the grayscale version is **40.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **95.4180, -20.4191, 62.7774**, and **16.2600, -7.5232, 33.0980** is the 20% darker color. If you saturate the color by 10%, you get **32.5910, -16.0674, 67.0107**, and if you desaturate by 10%, it is **48.0130, -12.8244, 53.4856**.

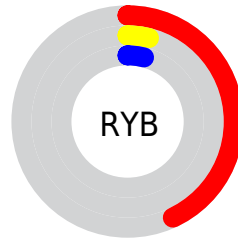
Distribution



Red (43%)

Green (4%)

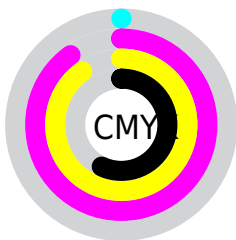
Blue (4%)



Red (43%)

Yellow (4%)

Blue (4%)

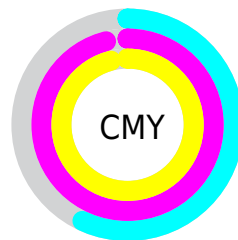


Cyan (0%)

Magenta (90%)

Yellow (90%)

Black (57%)



Cyan (57%)


Magenta (96%)


Yellow (96%)

Brightness & Saturation Gradients


These gradients show how the YUV color 40.3020, -14.4459, 60.2481 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 40.3020, -14.4459, 60.2481 by changing the saturation by 10% instead.


 40.3020, -14.4459,
60.2481


 40.3020, -14.4459,
60.2481


 252.7200, -8.7360,
1.9996

 24.2190, -11.9400,
49.7969

 95.4180, -20.4191,
62.7774

 16.2600, -7.5232,
33.0980


 121.6850,
-22.0297, 66.0513

 4.4850, -2.2111,
9.2217

 149.2400,
-23.7823, 68.1955


 0.0000, 0.0000,
0.0000


 175.8380,
-24.0771, 69.4251


 195.2380,
-20.8233, 52.4113


 214.6380,


-17.5695, 35.3975


 234.2660,
-13.4421, 18.1837


 40.3020, -14.4459,
60.2481


 40.3020, -14.4459,
60.2481

 32.5910, -16.0674,
67.0107

 48.0130, -12.8244,
53.4856

 55.7240, -11.2029,
46.7231

 63.4350, -9.5815,
39.9605

 71.1460, -7.9600,
33.1980

 78.8570, -6.3385,
26.4354

■ 85.8670, -4.8644,
20.2876

■ 93.5780, -3.2430,
13.5251

■ 101.2890, -1.6215,
6.7625

■ 109.0000, 0.0000,
0.0000

Harmonies

Analogous

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



39.5580, 4.1619, 65.2856



40.3020, -14.4459, 60.2481



48.9170, -24.1161, 35.1528

Triad

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



40.3020, -14.4459, 60.2481



40.9080, -10.8006, -35.8763



47.3500, 39.2675, -41.5260

Complementary

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



40.3020, -14.4459, 60.2481



79.6980, 14.4459, -60.2481

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.



51.2480, 33.8947, -44.9445



40.3020, -14.4459, 60.2481



45.9410, 5.9451, -40.2903

Square

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



40.3020, -14.4459, 60.2481



42.3740, -20.8904, -19.6220



50.1590, 22.1066, -43.9894



52.9320, 30.1065, 3.5676

Rectangle

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



40.3020, -14.4459, 60.2481



49.9920, -24.6461, 18.4240



50.1590, 22.1066, -43.9894



49.6980, 38.1099, -43.5851

Sweetspot

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



40.3020, -14.4459, 60.2481



115.6610, -5.7489, 23.9763



51.4740, 28.3603, 50.4503



55.5780, -3.2430, 13.5251



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



40.3020, -14.4459, 60.2481



42.7570, -21.0792, 87.9131



69.0650, -28.6260, 35.0230



49.7940, -0.8844, 3.6887



34.9830, -17.2466, 71.9289



73.2550, -36.1147, 150.6204

Inverse Universe

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



79.6980, 14.4459, -60.2481



100.2430, 21.0792, -87.9131



50.9350, 28.6260, -35.0230



52.2060, 0.8844, -3.6887



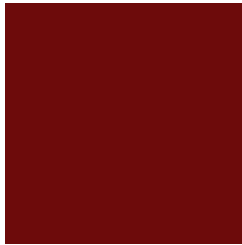
82.0170, 17.2466, -71.9289



171.7450, 36.1147, -150.6204

Previews

White Background



This preview shows how the YUV color 40.3020, -14.4459, 60.2481 looks on a white background.

Color Contrast Check

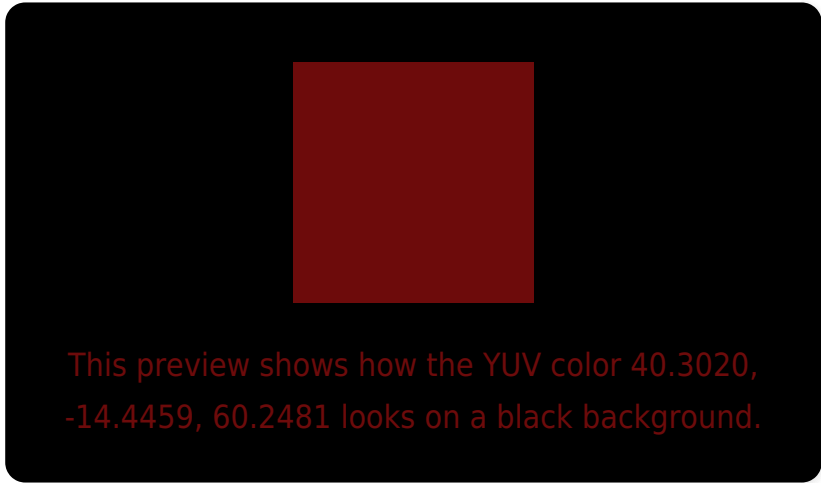
Large Text (above 18pt) WCAG AA ✓ Pass

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

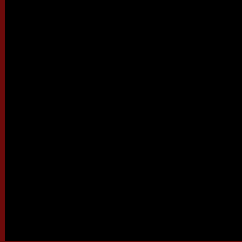
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 40.3020, -14.4459, 60.2481

Background



This preview shows how black text looks on a background with the YUV color 40.3020, -14.4459, 60.2481.



This preview shows how white text looks on a background with the YUV color 40.3020, -14.4459,

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

40.3020, -14.4459, 60.2481

Protanopia

53.6900, -16.6092, 7.2879

Deuteranopia

52.0410, -25.6562, 15.7500



Tritanopia

39.8460, -16.1931, 60.6481

Trichromacy



Original Color

40.3020, -14.4459, 60.2481

Protanomaly

49.0390, -15.7952, 26.2758

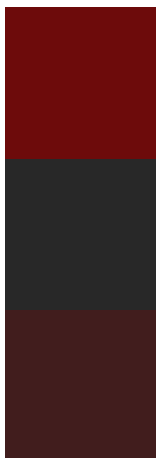
Deuteranomaly

47.8780, -21.6319, 31.6790

Tritanomaly

39.9600, -15.7563, 60.5481

Monochromacy



Original Color

40.3020, -14.4459, 60.2481

Achromatopsia

40.0000, 0.0000, 0.0000

Achromatomaly

39.7640, -5.3067, 22.1320

CSS Examples

Text

The CSS property to change the color of the text to YUV 40.3020, -14.4459, 60.2481 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(109, 11, 11)` looks like.

```
.text, #text, p{  
    color:rgb(109, 11, 11)  
}
```

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(109, 11, 11) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 11, 11) }
```

Border

The CSS property to change the border of an element to YUV 40.3020, -14.4459, 60.2481 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(109, 11, 11) }
```


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

```
.border{ border-color:rgb(109, 11, 11) }
```

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

Here you see how a box with a 4 pixel rgb(109, 11, 11) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 11, 11); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 11, 11);  
box-shadow:4px 4px 4px 4px rgb(109, 11,  
11) }
```

Background

The CSS property to change the background color of an element to YUV 40.3020, -14.4459, 60.2481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 11, 11) }
```

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

```
.background{ background-color: rgb(109, 11,  
11) }
```

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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