

Converting Colors

YUV(36.5520, -17.0341,
50.3819)

Have a look what the booklet for
YUV(36.5520, -17.0341, 50.3819)
contains.

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Color

**YUV(36.5520, -17.0341,
50.3819)**

Conversions

Conversions Part 1

Format	Color
Hex	5E0E02
RGB	94, 14, 2
RGB Percent	37%, 5%, 1%
CMY	0.6314, 0.9451, 0.9922
CMYK	0.00, 0.85, 0.98, 0.63
HSL	8°, 96%, 19%
HSV	8°, 98%, 37%
XYZ	4.7841, 2.6981, 0.3261
YIQ	36.5520, 51.5320, 13.2280

Conversions

Conversions Part 2

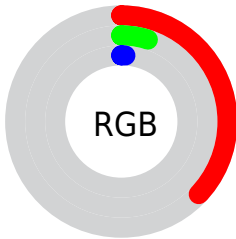
Format	Color
R_{YB}	94, 16, 2
Decimal	6163970
CIE _{Lab}	18.79, 34.65, 27.74
CIE _{LCh}	19, 44.380, 38.680
Yxy	2.6981, 0.6127, 0.3455
Android (android.graphics.Color)	4284354050 (0xFF5E0E02)
YUV	36.5520, -17.0341, 50.3819
Hunter-Lab	16.4260, 23.2427, 10.3212

Details

The YUV color **36.5520, -17.0341, 50.3819** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **59.4480, 17.0341, -50.3819**, and the grayscale version is **37.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **88.7760, -20.1026, 54.5704**, and **12.6720, -5.7543, 25.7207** is the 20% darker color. If you saturate the color by 10%, you get **35.1500, -17.3289, 51.6114**, and if you desaturate by 10%, it is **42.2740, -15.4181, 45.3637**.

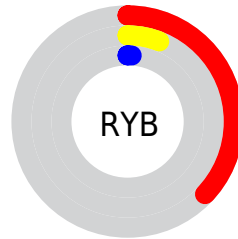
Distribution



Red (37%)

Green (5%)

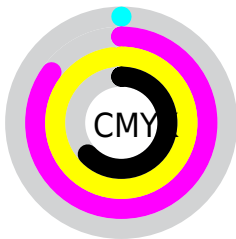
Blue (1%)



Red (37%)

Yellow (6%)

Blue (1%)

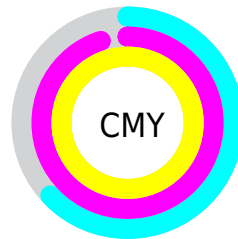


Cyan (0%)

Magenta (85%)

Yellow (98%)

Black (63%)



Cyan (63%)


Magenta (95%)


Yellow (99%)


Brightness & Saturation Gradients


These gradients show how the YUV color 36.5520, -17.0341, 50.3819 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 36.5520, -17.0341, 50.3819 by changing the saturation by 10% instead.


 36.5520, -17.0341,
50.3819

 36.5520, -17.0341,
50.3819

 251.3350,
-11.5042, 3.2142


 19.7340, -9.7289,
40.5753


 88.7760, -20.1026,
54.5704

 12.6720, -5.7543,
25.7207

 114.7440,
-21.5658, 57.2295

 0.0000, 0.0000,
0.0000


 141.4130,
-22.8816, 59.2738


 168.4950,
-23.9080, 61.8329


 191.9780,
-23.1602, 55.2703


 211.4920,


-19.4696, 38.1565


 231.0060,
-15.7790, 21.0427


 36.5520, -17.0341,
50.3819


 36.5520, -17.0341,
50.3819


 35.1500, -17.3289,
51.6114

 42.2740, -15.4181,
45.3637

 48.1100, -13.3652,
40.2455

 54.4190, -12.0386,
34.7125

 60.2550, -9.9857,
29.5944

 65.9770, -8.3697,
24.5762

■ 71.6990, -6.7536,
19.5580

■ 77.5350, -4.7008,
14.4398

■ 83.2570, -3.0847,
9.4216

■ 89.6800, -1.3212,
3.7886

Harmonies

Analogous

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



34.2320, 1.8576, 57.6785



36.5520, -17.0341, 50.3819



43.2690, -21.3316, 28.7051

Triad

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



36.5520, -17.0341, 50.3819



36.3260, -8.0487, -31.8579



40.1290, 34.4464, -35.1931

Complementary

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



36.5520, -17.0341, 50.3819



59.4480, 17.0341, -50.3819

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.



44.3690, 30.3841, -38.9116



36.5520, -17.0341, 50.3819



40.9030, 6.9498, -35.8719

Square

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



36.5520, -17.0341, 50.3819



35.2860, -17.3960, -20.4218



44.4370, 20.4906, -38.9712



45.9990, 25.1435, 8.7709

Rectangle

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



36.5520, -17.0341, 50.3819



43.4690, -21.4302, 13.6207



44.4370, 20.4906, -38.9712



42.5910, 33.7256, -37.3523

Sweetspot

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



36.5520, -17.0341, 50.3819



100.4000, -6.6062, 18.9432



38.7420, 21.8192, 48.4613



48.0400, -3.9637, 11.3659



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.



36.5520, -17.0341, 50.3819



45.8700, -22.6139, 66.7660



62.9670, -30.0567, 27.2159



43.0820, -1.0264, 2.5591



41.1080, -20.2662, 60.4183



89.0600, -43.9066, 129.7434

Inverse Universe

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



59.4480, 17.0341, -50.3819



76.1300, 22.6139, -66.7660



33.0330, 30.0567, -27.2159



43.9180, 1.0264, -2.5591



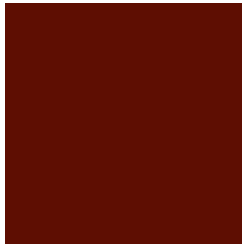
68.3050, 20.5556, -59.9035



147.9400, 43.9066, -129.7434

Previews

White Background



This preview shows how the YUV color 36.5520, -17.0341, 50.3819 looks on a white background.

Color Contrast Check

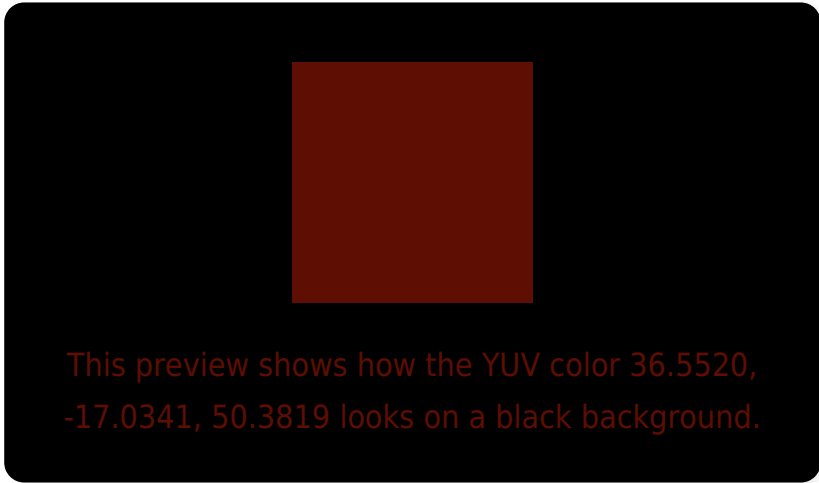
Large Text (above 18pt) WCAG AA ✓ Pass

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

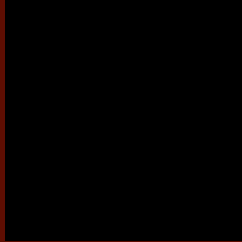
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 36.5520, -17.0341, 50.3819

Background



This preview shows how black text looks on a background with the YUV color 36.5520, -17.0341, 50.3819.



This preview shows how white text looks on a background with the YUV color 36.5520, -17.0341,

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

36.5520, -17.0341, 50.3819

Protanopia

46.2770, -16.8986, 6.7731

Deuteranopia

45.2410, -22.3038, 13.8206



Tritanopia

37.1050, -12.3768, 49.8969

Trichromacy



Original Color

36.5520, -17.0341, 50.3819

Protanomaly

42.6750, -17.0948, 23.0870

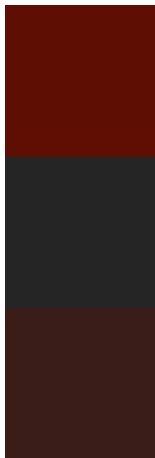
Deuteranomaly

41.8990, -20.1632, 27.2756

Tritanomaly

36.6490, -14.1240, 50.2968

Monochromacy



Original Color

36.5520, -17.0341, 50.3819

Achromatopsia

37.0000, 0.0000, 0.0000

Achromatomaly

37.1010, -6.4588, 18.3284

CSS Examples

Text

The CSS property to change the color of the text to YUV 36.5520, -17.0341, 50.3819 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, 14, 2)` looks like.

```
.text, #text, p{  
    color:rgb(94, 14, 2)  
}
```

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, 14, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 14, 2) }
```

Border

The CSS property to change the border of an element to YUV 36.5520, -17.0341, 50.3819 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, 14, 2) }
```


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

```
.border{ border-color:rgb(94, 14, 2) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 14, 2)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 14, 2); -webkit-box-shadow:4px  
4px 4px 4px rgb(94, 14, 2); box-shadow:4px  
4px 4px 4px rgb(94, 14, 2) }
```

Background

The CSS property to change the background color of an element to YUV 36.5520, -17.0341, 50.3819 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 14, 2) }
```

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

```
.background{ background-color: rgb(94, 14,  
2) }
```

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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