

Converting Colors

YUV(36.4020, 14.0988, 51.3904)

Have a look what the booklet for
YUV(36.4020, 14.0988, 51.3904)
contains.

YUV(36.4020, 14.0988, 51.3904)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(36.4020, 14.0988,
51.3904)**

Conversions

Conversions Part 1

Format	Color
Hex	5F0141
RGB	95, 1, 65
RGB Percent	37%, 0%, 25%
CMY	0.6275, 0.9961, 0.7451
CMYK	0.00, 0.99, 0.32, 0.63
HSL	319°, 98%, 19%
HSV	319°, 99%, 37%
XYZ	5.6843, 2.8363, 5.2489
YIQ	36.4020, 35.4800, 39.8320

Conversions

Conversions Part 2

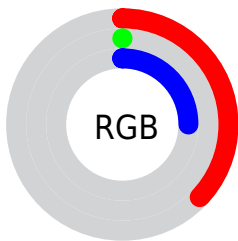
Format	Color
R_{YB}	95, 1, 65
Decimal	6226241
CIE _{Lab}	19.38, 43.05, -11.80
CIE _{LCh}	19, 44.636, 344.676
Yxy	2.8363, 0.4128, 0.2060
Android (android.graphics.Color)	4284416321 (0xFF5F0141)
YUV	36.4020, 14.0988, 51.3904
Hunter-Lab	16.8412, 30.7759, -6.6900

Details

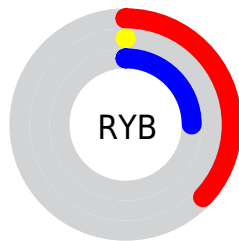
The YUV color **36.4020, 14.0988, 51.3904** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **59.5980, -14.0988, -51.3904**, and the grayscale version is **36.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **93.2400, 9.7417, 48.9015**, and **16.6750, 3.1182, 26.5950** is the 20% darker color. If you saturate the color by 10%, you get **35.8150, 14.3882, 51.9052**, and if you desaturate by 10%, it is **42.0270, 12.8047, 46.4573**.

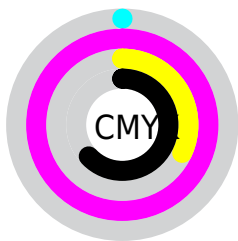
Distribution



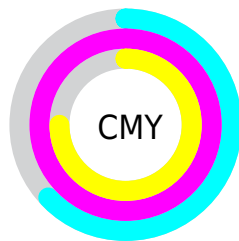
- Red (37%)
- Green (0%)
- Blue (25%)



- Red (37%)
- Yellow (0%)
- Blue (25%)



- Cyan (0%)
- Magenta (99%)
- Yellow (32%)
- Black (63%)





- Cyan (63%)
- Magenta (100%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the YUV color 36.4020, 14.0988, 51.3904 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 36.4020, 14.0988, 51.3904 by changing the saturation by 10% instead.

 36.4020, 14.0988,
51.3904


 36.4020, 14.0988,
51.3904

 253.2390, 0.8682,
1.5444


 25.5330, 8.6112,
38.1206

 93.2400, 9.7417,
48.9015


 16.6750, 3.1182,
26.5950

 119.1370, 9.2995,
50.7459

 0.0000, 0.0000,
0.0000

 146.4360, 9.1521,
51.3606


 173.4470, 9.1466,
53.1050


 198.7670, 10.4679,
49.3163


 218.3950, 14.5953,


32.1026


 236.2160, 9.2605,
16.4736

 36.4020, 14.0988,
51.3904

 36.4020, 14.0988,
51.3904


 35.8150, 14.3882,
51.9052

 42.0270, 12.8047,
46.4573

 48.2390, 11.2212,
41.0094

 53.8640, 9.9270,
36.0763

 60.0760, 8.3435,
30.6283

 65.7010, 7.0494,
25.6952

■ 71.9130, 5.4659,
20.2473

■ 77.5380, 4.1718,
15.3142

■ 83.7500, 2.5882,
9.8663

■ 89.3750, 1.2941,
4.9331

Harmonies

Analogous

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



47.1850, 23.0798, 17.3778



36.4020, 14.0988, 51.3904



34.2600, -0.6212, 59.4080

Triad

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



36.4020, 14.0988, 51.3904



42.8050, -21.1029, 1.9250



45.8220, 23.2588, -40.1859

Complementary

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



36.4020, 14.0988, 51.3904



59.5980, -14.0988, -51.3904

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.



42.4020, 10.1548, -37.1866



36.4020, 14.0988, 51.3904



32.8720, -16.2059, -28.8287

Square

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



36.4020, 14.0988, 51.3904



44.4210, -21.8996, 24.1868



37.8250, -4.8437, -33.1725



45.4120, 31.8419, -39.8263

Rectangle

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



36.4020, 14.0988, 51.3904



37.1870, -13.4032, 52.4560



37.8250, -4.8437, -33.1725



44.7960, 19.3276, -39.2861

Sweetspot

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



36.4020, 14.0988, 51.3904



99.6140, 5.6133, 19.6325



20.6860, 36.6368, 9.0454



47.2880, 3.3090, 12.0254



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.



36.4020, 14.0988, 51.3904



45.9400, 18.2706, 66.7046



31.0440, -6.4307, 56.0894



45.5380, 0.7208, 2.1592



42.1520, 16.6871, 61.2567



90.3420, 35.8204, 131.2501

Inverse Universe

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



36.4020, 14.0988, 51.3904



45.9400, 18.2706, 66.7046



64.9560, 6.4307, -56.0894



45.5380, 0.7208, 2.1592



42.1520, 16.6871, 61.2567



90.3420, 35.8204, 131.2501

Previews

White Background



This preview shows how the YUV color 36.4020, 14.0988, 51.3904 looks on a white background.

Color Contrast Check

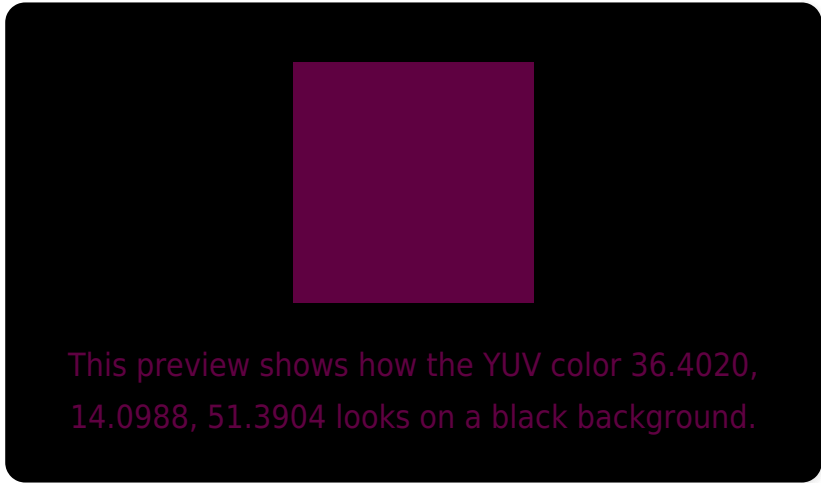
Large Text (above 18pt) WCAG AA ✓ Pass

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

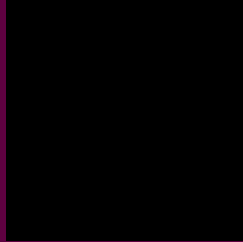
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 36.4020, 14.0988, 51.3904

Background



This preview shows how black text looks on a background with the YUV color 36.4020, 14.0988, 51.3904.



This preview shows how white text looks on a background with the YUV color 36.4020, 14.0988,

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

36.4020, 14.0988, 51.3904

Protanopia

48.6230, 21.8779, -17.2094

Deuteranopia

51.5530, 4.6574, -0.4850



Tritanopia

45.8480, -9.2921, 40.4753

Trichromacy



Original Color

36.4020, 14.0988, 51.3904

Protanomaly

44.0930, 19.1812, 7.8114

Deuteranomaly

45.8850, 7.9447, 18.5179

Tritanomaly

42.4600, -0.7198, 44.3236

Monochromacy



Original Color

36.4020, 14.0988, 51.3904

Achromatopsia

36.0000, 0.0000, 0.0000

Achromatomaly

35.9020, 5.4713, 18.5029

CSS Examples

Text

The CSS property to change the color of the text to YUV 36.4020, 14.0988, 51.3904 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, 1, 65)` looks like.

```
.text, #text, p{  
    color:rgb(95, 1, 65)  
}
```

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, 1, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 1, 65) }
```

Border

The CSS property to change the border of an element to YUV 36.4020, 14.0988, 51.3904 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, 1, 65) }
```


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

```
.border{ border-color:rgb(95, 1, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 1, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 1, 65); -webkit-box-shadow:4px  
4px 4px 4px rgb(95, 1, 65); box-shadow:4px  
4px 4px 4px rgb(95, 1, 65) }
```

Background

The CSS property to change the background color of an element to YUV 36.4020, 14.0988, 51.3904 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 1, 65) }
```

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

```
.background{ background-color: rgb(95, 1,  
65) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor