

Converting Colors

YUV(34.6250, -4.2521, 57.3339)

Have a look what the booklet for
YUV(34.6250, -4.2521, 57.3339)
contains.

YUV(34.6250, -4.2521, 57.3339)	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(34.6250, -4.2521,
57.3339)**

Conversions

Conversions Part 1

Format	Color
Hex	64031A
RGB	100, 3, 26
RGB Percent	39%, 1%, 10%
CMY	0.6078, 0.9882, 0.8980
CMYK	0.00, 0.97, 0.74, 0.61
HSL	346°, 94%, 20%
HSV	346°, 97%, 39%
XYZ	5.4745, 2.8490, 1.2387
YIQ	34.6250, 50.4290, 27.7170

Conversions

Conversions Part 2

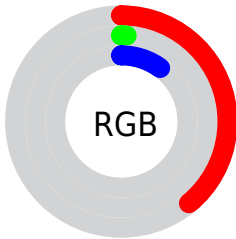
Format	Color
RYB	100, 3, 26
Decimal	6554394
CIELab	19.43, 40.39, 16.10
CIELCh	19, 43.478, 21.739
Yxy	2.8490, 0.5725, 0.2979
Android (android.graphics.Color)	4284744474 (0xFF64031A)
YUV	34.6250, -4.2521, 57.3339
Hunter-Lab	16.8791, 28.3562, 7.4644

Details

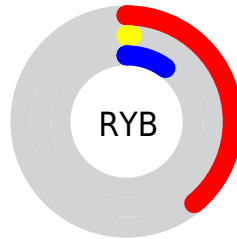
The YUV color **34.6250, -4.2521, 57.3339** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **68.3750, 4.2521, -57.3339**, and the grayscale version is **35.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **90.6160, -10.6567, 58.2188**, and **14.5800, -6.2019, 29.3093** is the 20% darker color. If you saturate the color by 10%, you get **32.6360, -4.2575, 59.0782**, and if you desaturate by 10%, it is **41.4070, -3.6517, 51.3861**.

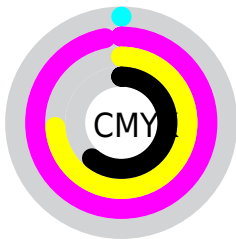
Distribution



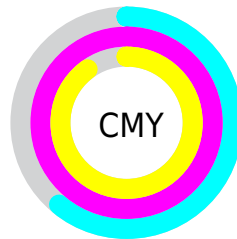
- Red (39%)
- Green (1%)
- Blue (10%)



- Red (39%)
- Yellow (1%)
- Blue (10%)



- Cyan (0%)
- Magenta (97%)
- Yellow (74%)
- Black (61%)





- Cyan (61%)
- Magenta (99%)
- Yellow (90%)


Brightness & Saturation Gradients


These gradients show how the YUV color 34.6250, -4.2521, 57.3339 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 34.6250, -4.2521, 57.3339 by changing the saturation by 10% instead.


 34.6250, -4.2521,
57.3339


 34.6250, -4.2521,
57.3339

 253.0110, -0.0054,
1.7444

 21.8270, -10.7607,
44.8787

 90.6160, -10.6567,
58.2188

 14.5800, -6.2019,
29.3093

 117.1710,
-12.4093, 60.3630

 0.0000, 0.0000,
0.0000

 143.9540,
-13.2883, 62.3073


 171.0360,
-14.3147, 64.8664


 192.9530,
-11.8088, 54.4152


 212.4670, -8.1182,


37.3014


 232.6820, -4.2802,
19.5729


 34.6250, -4.2521,
57.3339


 34.6250, -4.2521,
57.3339


 32.6360, -4.2575,
59.0782

 41.4070, -3.6517,
51.3861

 48.0750, -3.4880,
45.5382

 54.8570, -2.8875,
39.5904

 61.6390, -2.2870,
33.6426

 68.3070, -2.1234,
27.7948

■ 75.0890, -1.5229,
21.8469

■ 81.7570, -1.3592,
15.9991

■ 88.5390, -0.7587,
10.0513

■ 95.3210, -0.1583,
4.1035

Harmonies

Analogous

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



35.5010, 10.5990, 53.9346



34.6250, -4.2521, 57.3339



42.4600, -20.9328, 40.8156

Triad

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



34.6250, -4.2521, 57.3339



33.4590, -16.4953, -29.3435



44.3520, 32.8575, -38.8967

Complementary

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



34.6250, -4.2521, 57.3339



68.3750, 4.2521, -57.3339

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.



45.6910, 25.2953, -40.0710



34.6250, -4.2521, 57.3339



39.4380, -1.2019, -34.5871

Square

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



34.6250, -4.2521, 57.3339



41.8860, -20.6498, -3.4080



43.2000, 13.2124, -37.8864



41.3260, 32.3773, -24.8419

Rectangle

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



34.6250, -4.2521, 57.3339



44.7310, -22.0524, 26.5459



43.2000, 13.2124, -37.8864



45.1840, 30.9683, -39.6264

Sweetspot

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



34.6250, -4.2521, 57.3339



104.3880, -1.6703, 22.4617



35.8850, 31.6087, 35.1809



50.5610, -0.7696, 13.5400



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



34.6250, -4.2521, 57.3339



42.4040, -5.6222, 76.8217



46.0910, -21.2439, 47.2782



47.6090, -0.3002, 2.9739



37.4630, -5.1583, 67.9999



78.8560, -10.7750, 143.0773

Inverse Universe

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



34.6250, -4.2521, 57.3339



42.4040, -5.6222, 76.8217



56.9090, 21.2439, -47.2782



47.6090, -0.3002, 2.9739



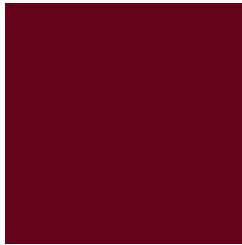
37.4630, -5.1583, 67.9999



78.8560, -10.7750, 143.0773

Previews

White Background



This preview shows how the YUV color 34.6250, -4.2521, 57.3339 looks on a white background.

Color Contrast Check

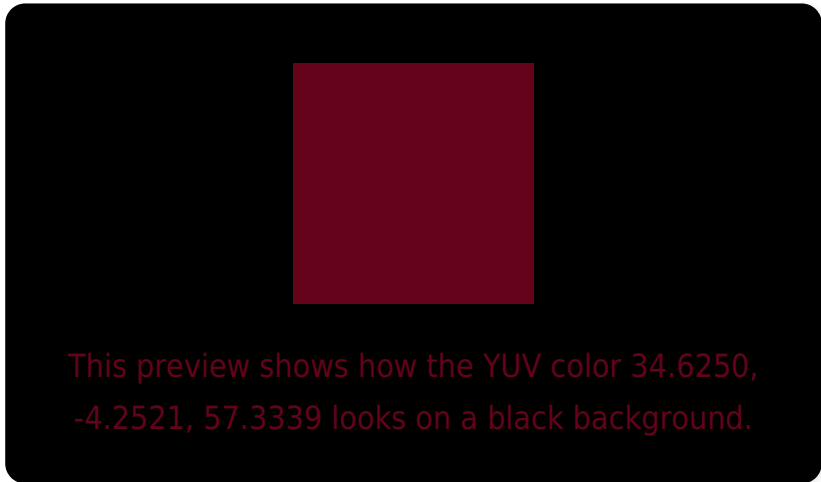
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.6250, -4.2521, 57.3339

Background



This preview shows how black text looks on a background with the YUV color 34.6250, -4.2521, 57.3339.



This preview shows how white text looks on a background with the YUV color 34.6250, -4.2521,

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

34.6250, -4.2521, 57.3339

Protanopia

50.5290, -5.6838, 3.0441

Deuteranopia

49.4070, -14.0047, 11.9211



Tritanopia

37.2690, -14.4296, 55.0151

Trichromacy



Original Color

34.6250, -4.2521, 57.3339

Protanomaly

45.0630, -5.4541, 22.7467

Deuteranomaly

44.1300, -10.4171, 27.9500

Tritanomaly

36.3060, -10.5039, 55.8596

Monochromacy



Original Color

34.6250, -4.2521, 57.3339

Achromatopsia

35.0000, 0.0000, 0.0000

Achromatomaly

34.7900, -1.3755, 21.2322

CSS Examples

Text

The CSS property to change the color of the text to YUV 34.6250, -4.2521, 57.3339 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(100, 3, 26)` looks like.

```
.text, #text, p{  
    color:rgb(100, 3, 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(100, 3, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 3, 26) }
```

Border

The CSS property to change the border of an element to YUV 34.6250, -4.2521, 57.3339 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(100, 3, 26) }
```


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

```
.border{ border-color:rgb(100, 3, 26) }
```

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

Here you see how a box with a 4 pixel rgb(100, 3, 26) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 3, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 3, 26);  
box-shadow:4px 4px 4px 4px rgb(100, 3, 26)  
}
```

Background

The CSS property to change the background color of an element to YUV 34.6250, -4.2521, 57.3339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 3, 26) }
```

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

```
.background{ background-color: rgb(100, 3,  
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](#).

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