

Converting Colors

YUV(34.4650, -5.1592, 21.5172)

Have a look what the booklet for
YUV(34.4650, -5.1592, 21.5172)
contains.

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Color

**YUV(34.4650, -5.1592,
21.5172)**

Conversions

Conversions Part 1

Format	Color
Hex	3B1818
RGB	59, 24, 24
RGB Percent	23%, 9%, 9%
CMY	0.7686, 0.9059, 0.9059
CMYK	0.00, 0.59, 0.59, 0.77
HSL	0°, 42%, 16%
HSV	0°, 59%, 23%
XYZ	2.2951, 1.6490, 1.0615
YIQ	34.4650, 20.8600, 7.4200

Conversions

Conversions Part 2

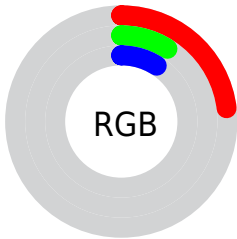
Format	Color
R_YB	59, 24, 24
Decimal	3872792
CIE Lab	13.53, 17.25, 8.18
CIE LCh	14, 19.095, 25.370
Yxy	1.6490, 0.4585, 0.3294
Android (android.graphics.Color)	4282062872 (0xFF3B1818)
YUV	34.4650, -5.1592, 21.5172
Hunter-Lab	12.8414, 9.4306, 4.0881

Details

The YUV color **34.4650, -5.1592, 21.5172** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **48.5350, 5.1592, -21.5172**, and the grayscale version is **35.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **80.1450, -6.4805, 25.3058**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **30.2590, -6.0437, 25.2059**, and if you desaturate by 10%, it is **38.6710, -4.2748, 17.8285**.

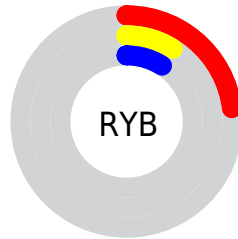
Distribution



 Red (23%)

 Green (9%)

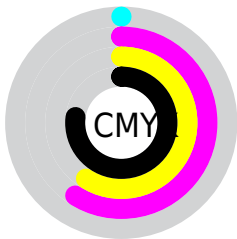
 Blue (9%)



 Red (23%)

 Yellow (9%)

 Blue (9%)

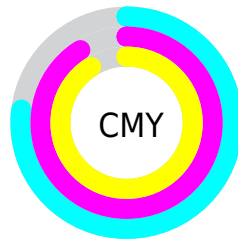


 Cyan (0%)

 Magenta (59%)

 Yellow (59%)

 Black (77%)



 Cyan (77%)

 Magenta (91%)

 Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YUV color 34.4650, -5.1592, 21.5172 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 34.4650, -5.1592, 21.5172 by changing the saturation by 10% instead.

■ 34.4650, -5.1592,
21.5172

■ 34.4650, -5.1592,
21.5172

■ 253.2560, -1.6052,
1.5295

■ 11.3620, -5.6015,
23.3615

■ 80.1450, -6.4805,
25.3058

■ 0.0000, 0.0000,
0.0000

■ 104.6290, -7.2121,
26.6354

■ 130.2270, -7.5069,
27.8649

■ 156.4120, -8.0911,
28.5797

■ 183.0100, -8.3859,
29.8092

■ 210.7220, -8.2439,

30.9388

■ 232.9270, -5.8800,
19.3580

■ 34.4650, -5.1592,
21.5172

■ 34.4650, -5.1592,
21.5172

■ 30.2590, -6.0437,
25.2059

■ 38.6710, -4.2748,
17.8285

■ 26.0530, -6.9281,
28.8945

■ 42.8770, -3.3904,
14.1399

■ 21.8470, -7.8126,
32.5832

■ 47.0830, -2.5059,
10.4512

■ 17.6410, -8.6970,
36.2718

■ 51.2890, -1.6215,
6.7625

■ 55.4950, -0.7370,
3.0739

■ 59.0000, 0.0000,
0.0000

■ 63.2060, 0.8844,
-3.6887

■ 67.4120, 1.7689,
-7.3773

■ 71.6180, 2.6533,
-11.0660

Harmonies

Analogous

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



35.0610, 0.9559, 20.1175



34.4650, -5.1592, 21.5172



33.8360, -11.2581, 17.6838

Triad

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



34.4650, -5.1592, 21.5172



29.8320, -5.3402, -13.8847



28.9720, 15.7898, -24.5314

Complementary

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



34.4650, -5.1592, 21.5172



48.5350, 5.1592, -21.5172

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.



29.8640, 12.8850, -26.1907



34.4650, -5.1592, 21.5172



27.7150, 2.1125, -24.3061

Square

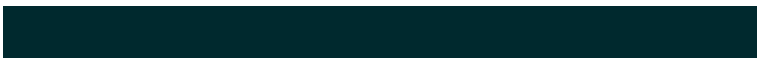
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



34.4650, -5.1592, 21.5172



31.9710, -12.8037, 0.0254



29.3110, 8.2277, -25.7057



35.0780, 11.7935, -2.6994

Rectangle

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



34.4650, -5.1592, 21.5172



33.5920, -14.5889, 12.6358



29.3110, 8.2277, -25.7057



29.1460, 15.2110, -25.5610

Sweetspot

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



34.4650, -5.1592, 21.5172



67.1860, -2.0637, 8.6069



38.4550, 10.1287, 18.0180



32.3920, -1.1793, 4.9182



166.0000, 0.0000, 0.0000



38.0000, 0.0000, 0.0000

Same Dimension

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



34.4650, -5.1592, 21.5172



38.4450, -8.1074, 33.8127



45.0310, -10.3683, 12.2508



28.8970, -0.4422, 1.8443



28.1060, -13.8563, 57.7890



66.3780, -32.7244, 136.4805

Inverse Universe

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



48.5350, 5.1592, -21.5172



60.5550, 8.1074, -33.8127



38.5560, 10.0789, -12.7656



30.1030, 0.4422, -1.8443



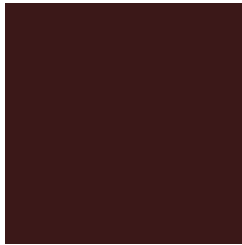
65.8940, 13.8563, -57.7890



155.6220, 32.7244, -136.4805

Previews

White Background



This preview shows how the YUV color 34.4650, -5.1592, 21.5172 looks on a white background.

Color Contrast Check

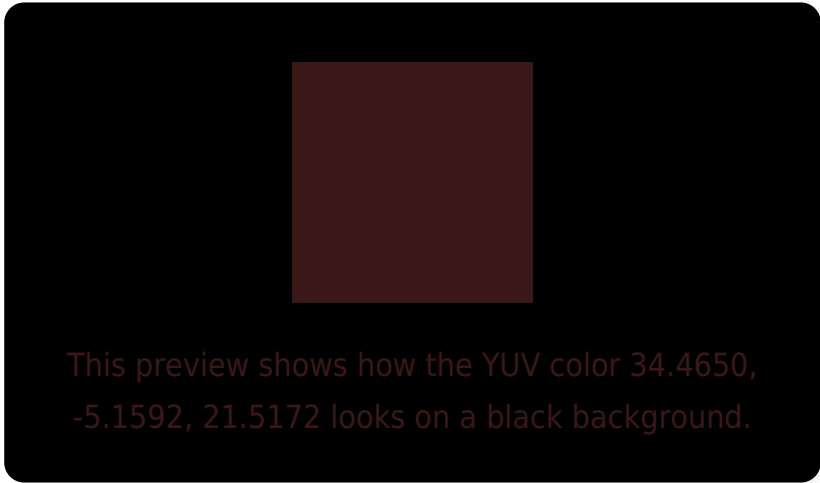
Large Text (above 18pt) WCAG AA ✓ Pass

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

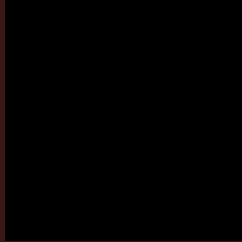
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 34.4650, -5.1592, 21.5172

Background



This preview shows how black text looks on a background with the YUV color 34.4650, -5.1592, 21.5172.



This preview shows how white text looks on a background with the YUV color 34.4650, -5.1592,

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

34.4650, -5.1592, 21.5172

Protanopia

35.8000, -3.3524, 1.9294

Deuteranopia

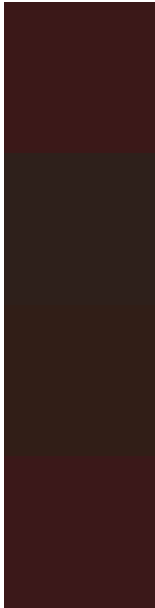
35.3230, -6.5682, 6.7327



Tritanopia

34.5790, -4.7224, 21.4172

Trichromacy



Original Color

34.4650, -5.1592, 21.5172

Protanomaly

35.6160, -4.2477, 9.1068

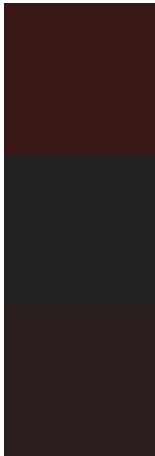
Deuteranomaly

34.8830, -5.8583, 12.3806

Tritanomaly

34.5790, -4.7224, 21.4172

Monochromacy



Original Color

34.4650, -5.1592, 21.5172

Achromatopsia

34.0000, 0.0000, 0.0000

Achromatomaly

33.8870, -1.9163, 7.9921

CSS Examples

Text

The CSS property to change the color of the text to YUV 34.4650, -5.1592, 21.5172 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(59, 24, 24)` looks like.

```
.text, #text, p{  
    color:rgb(59, 24, 24)  
}
```

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(59, 24, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 24, 24) }
```

Border

The CSS property to change the border of an element to YUV 34.4650, -5.1592, 21.5172 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(59, 24, 24) }
```


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

```
.border{ border-color:rgb(59, 24, 24) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 24, 24)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 24, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 24, 24);  
box-shadow:4px 4px 4px 4px rgb(59, 24, 24)  
}
```

Background

The CSS property to change the background color of an element to YUV 34.4650, -5.1592, 21.5172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 24, 24) }
```

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

```
.background{ background-color: rgb(59, 24,  
24) }
```

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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