

Converting Colors

YUV(33.0150, -9.3744, 20.1578)

Have a look what the booklet for
YUV(33.0150, -9.3744, 20.1578)
contains.

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Color

**YUV(33.0150, -9.3744,
20.1578)**

Conversions

Conversions Part 1

Format	Color
Hex	38190E
RGB	56, 25, 14
RGB Percent	22%, 10%, 5%
CMY	0.7804, 0.9020, 0.9451
CMYK	0.00, 0.55, 0.75, 0.78
HSL	16°, 60%, 14%
HSV	16°, 75%, 22%
XYZ	2.0578, 1.5677, 0.6096
YIQ	33.0150, 22.0070, 3.1510

Conversions

Conversions Part 2

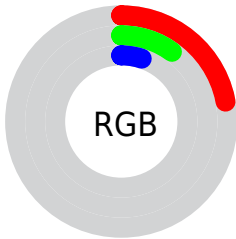
Format	Color
R_{YB}	56, 29, 14
Decimal	3676430
CIE _{Lab}	13.03, 14.22, 13.75
CIE _{LCh}	13, 19.778, 44.045
Yxy	1.5677, 0.4859, 0.3702
Android (android.graphics.Color)	4281866510 (0xFF38190E)
YUV	33.0150, -9.3744, 20.1578
Hunter-Lab	12.5209, 7.4247, 5.8779

Details

The YUV color **33.0150, -9.3744, 20.1578** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **36.9850, 9.3744, -20.1578**, and the grayscale version is **33.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **78.3960, -10.5482, 23.3317**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **29.9830, -10.8376, 22.8169**, and if you desaturate by 10%, it is **36.0470, -7.9112, 17.4988**.

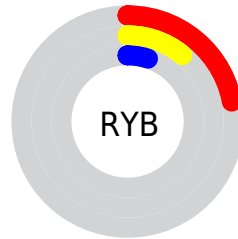
Distribution



Red (22%)

Green (10%)

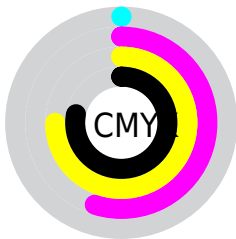
Blue (5%)



Red (22%)

Yellow (11%)

Blue (5%)

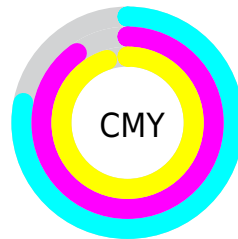


Cyan (0%)

Magenta (55%)

Yellow (75%)

Black (78%)



Cyan (78%)

Magenta (90%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YUV color 33.0150, -9.3744, 20.1578 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 33.0150, -9.3744, 20.1578 by changing the saturation by 10% instead.

■ 33.0150, -9.3744,
20.1578

■ 33.0150, -9.3744,
20.1578

■ 251.8880, -6.8468,
2.7292

■ 10.4650, -5.1592,
21.5172

■ 78.3960, -10.5482,
23.3317

■ 0.0000, 0.0000,
0.0000

■ 102.5920,
-11.1379, 25.7908

■ 127.7770,
-11.7221, 26.5056

■ 154.2610,
-12.4537, 27.8351

■ 180.8590,
-12.7485, 29.0647

■ 209.0440,

-13.3327, 29.7794

■ 232.1460,
-11.4110, 20.0430

■ 33.0150, -9.3744,
20.1578

■ 33.0150, -9.3744,
20.1578

■ 29.9830, -10.8376,
22.8169

■ 36.0470, -7.9112,
17.4988

■ 27.0650, -11.8640,
25.3760

■ 38.9650, -6.8847,
14.9397

■ 25.5490, -12.5957,
26.7055

■ 41.9970, -5.4215,
12.2806

■ 45.5020, -4.6845,
9.2067

■ 48.5340, -3.2213,
6.5477

■ 51.5660, -1.7580,
3.8886

■ 54.4840, -0.7316,
1.3295

■ 57.5160, 0.7316,
-1.3295

■ 60.4340, 1.7580,
-3.8886

Harmonies

Analogous

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



33.7470, -2.8333, 22.1469



33.0150, -9.3744, 20.1578



32.0760, -15.3205, 13.9653

Triad

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



33.0150, -9.3744, 20.1578



26.4440, -0.2189, -23.1914



32.4900, 13.5624, -10.0767

Complementary

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



33.0150, -9.3744, 20.1578



36.9850, 9.3744, -20.1578

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.



28.5590, 15.5004, -25.0462



33.0150, -9.3744, 20.1578



28.0400, 5.8963, -24.5911

Square

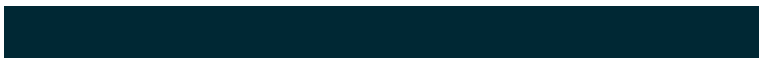
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



33.0150, -9.3744, 20.1578



29.5400, -9.1402, -8.3666



29.4080, 11.1379, -25.7908



34.7480, 8.9982, 7.2370

Rectangle

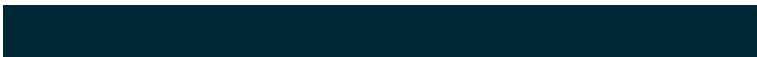
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



33.0150, -9.3744, 20.1578



31.3310, -15.4462, 7.6027



29.4080, 11.1379, -25.7908



30.1900, 15.1893, -18.5836

Sweetspot

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



33.0150, -9.3744, 20.1578



64.4310, -3.6635, 8.3920



30.2060, 7.7864, 22.6213



32.1640, -2.0529, 5.1182



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.



33.0150, -9.3744, 20.1578



37.5990, -15.0853, 31.9237



45.3420, -15.4516, 9.3471



26.4840, -0.7316, 1.3295



41.5960, -20.5068, 44.2043



98.9400, -48.7774, 105.2926

Inverse Universe

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



36.9850, 9.3744, -20.1578



43.9880, 14.7959, -32.4385



24.6580, 15.4516, -9.3471



26.5160, 0.7316, -1.3295



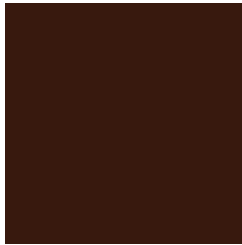
50.4040, 20.5068, -44.2043



120.0600, 48.7774, -105.2926

Previews

White Background



This preview shows how the YUV color 33.0150, -9.3744, 20.1578 looks on a white background.

Color Contrast Check

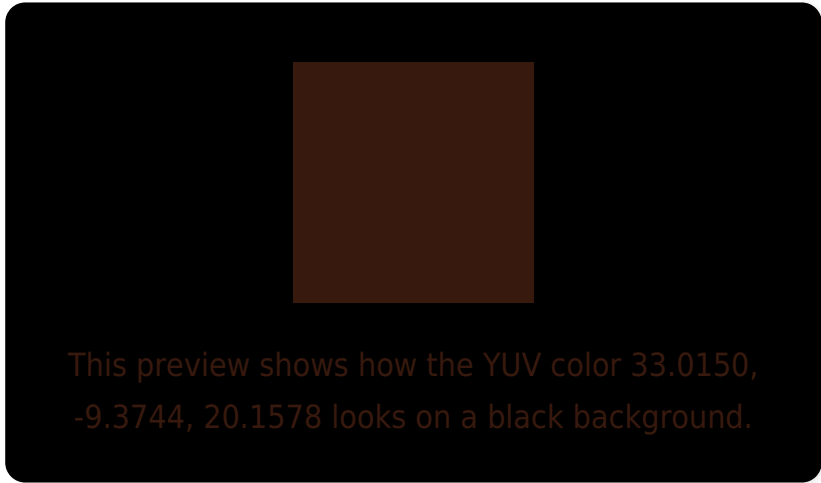
Large Text (above 18pt) WCAG AA ✓ Pass

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

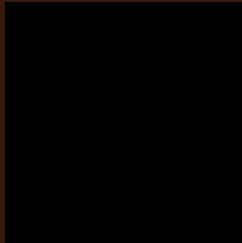
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 33.0150, -9.3744, 20.1578

Background



This preview shows how black text looks on a background with the YUV color 33.0150, -9.3744, 20.1578.

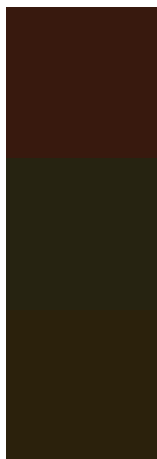


This preview shows how white text looks on a background with the YUV color 33.0150, -9.3744,

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

33.0150, -9.3744, 20.1578

Protanopia

33.8450, -8.3046, 3.6439

Deuteranopia

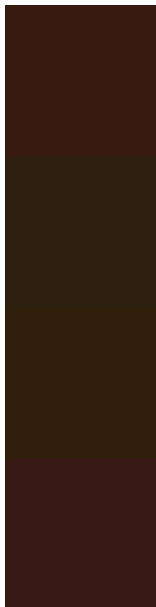
33.5960, -10.6468, 8.2473



Tritanopia

33.6820, -4.2802, 19.5729

Trichromacy



Original Color

33.0150, -9.3744, 20.1578

Protanomaly

33.4760, -8.6157, 10.1065

Deuteranomaly

33.4440, -10.0789, 12.7656

Tritanomaly

33.2260, -6.0274, 19.9728

Monochromacy



Original Color

33.0150, -9.3744, 20.1578

Achromatopsia

33.0000, 0.0000, 0.0000

Achromatomaly

32.8330, -3.3687, 7.1625

CSS Examples

Text

The CSS property to change the color of the text to YUV 33.0150, -9.3744, 20.1578 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(56, 25, 14)` looks like.

```
.text, #text, p{  
    color:rgb(56, 25, 14)  
}
```

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(56, 25, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 25, 14) }
```

Border

The CSS property to change the border of an element to YUV 33.0150, -9.3744, 20.1578 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(56, 25, 14) }
```


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

```
.border{ border-color:rgb(56, 25, 14) }
```

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

Here you see how a box with a 4 pixel `rgb(56, 25, 14)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 25, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 25, 14);  
box-shadow:4px 4px 4px 4px rgb(56, 25, 14)  
}
```

Background

The CSS property to change the background color of an element to YUV 33.0150, -9.3744, 20.1578 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 25, 14) }
```

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

```
.background{ background-color: rgb(56, 25,  
14) }
```

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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