

Converting Colors

YUV(33.6080, -12.1317,
17.8838)

Have a look what the booklet for
YUV(33.6080, -12.1317, 17.8838)
contains.

YUV(33.6080, -12.1317, 17.8838)	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(33.6080, -12.1317,
17.8838)**

Conversions

Conversions Part 1

Format	Color
Hex	361C09
RGB	54, 28, 9
RGB Percent	21%, 11%, 4%
CMY	0.7882, 0.8902, 0.9647
CMYK	0.00, 0.48, 0.83, 0.79
HSL	25°, 71%, 12%
HSV	25°, 83%, 21%
XYZ	1.9859, 1.6345, 0.4693
YIQ	33.6080, 21.5950, -0.3970

Conversions

Conversions Part 2

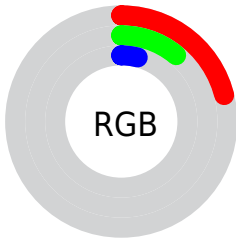
Format	Color
R_{YB}	54, 42, 9
Decimal	3546121
CIE _{Lab}	13.44, 10.82, 16.46
CIE _{LCh}	13, 19.697, 56.674
Yxy	1.6345, 0.4856, 0.3997
Android (android.graphics.Color)	4281736201 (0xFF361C09)
YUV	33.6080, -12.1317, 17.8838
Hunter-Lab	12.7848, 5.3534, 6.7731

Details

The YUV color **33.6080, -12.1317, 17.8838** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **29.3920, 12.1317, -17.8838**, and the grayscale version is **34.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **79.1030, -12.8688, 20.9577**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **31.2770, -13.4476, 19.9281**, and if you desaturate by 10%, it is **35.9390, -10.8159, 15.8395**.

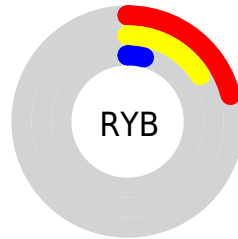
Distribution



Red (21%)

Green (11%)

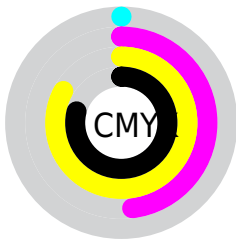
Blue (4%)



Red (21%)

Yellow (16%)

Blue (4%)

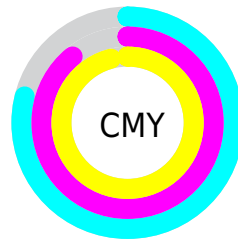


Cyan (0%)

Magenta (48%)

Yellow (83%)

Black (79%)



Cyan (79%)

Magenta (89%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the YUV color 33.6080, -12.1317, 17.8838 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 33.6080, -12.1317, 17.8838 by changing the saturation by 10% instead.

■ 33.6080, -12.1317,
17.8838

■ 33.6080, -12.1317,
17.8838

■ 252.4920, -9.6096,
2.1995

■ 11.9160, -5.8746,
17.6137

■ 79.1030, -12.8688,
20.9577

■ 0.0000, 0.0000,
0.0000

■ 103.0000,
-13.3110, 22.8020


■ 128.4840,
-14.0426, 24.1315


■ 154.6690,
-14.6268, 24.8463


■ 181.8540,
-15.2110, 25.5610


■ 209.4520,


-15.5058, 26.7906


 233.4510,
-14.0263, 18.8985

 33.6080, -12.1317,
17.8838


 33.6080, -12.1317,
17.8838


 31.2770, -13.4476,
19.9281


 35.9390, -10.8159,
15.8395

 29.6470, -14.6160,
21.3576

 38.3840, -9.0633,
13.6952

 40.7150, -7.7475,
11.6509

 43.1600, -5.9949,
9.5067

 46.0780, -4.9685,
6.9476

■ 48.4090, -3.6526,
4.9033

■ 50.8540, -1.9000,
2.7590

■ 53.1850, -0.5842,
0.7148

■ 55.6300, 1.1684,
-1.4295

Harmonies

Analogous

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



34.3510, -5.5960, 21.6172



33.6080, -12.1317, 17.8838



32.5270, -16.0358, 10.0618

Triad

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



33.6080, -12.1317, 17.8838



27.7150, 2.1125, -24.3061



34.4910, 12.0829, -2.1846

Complementary

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



33.6080, -12.1317, 17.8838



29.3920, 12.1317, -17.8838

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.



28.4990, 16.5160, -24.1166



33.6080, -12.1317, 17.8838



29.3110, 8.2277, -25.7057

Square

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



33.6080, -12.1317, 17.8838



29.2340, -5.0454, -15.1142



29.9780, 13.3218, -26.2907



35.9120, 6.9454, 12.3552

Rectangle

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



33.6080, -12.1317, 17.8838



32.1240, -14.8511, 3.3993



29.9780, 13.3218, -26.2907



33.5010, 13.5570, -8.3324

Sweetspot

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



33.6080, -12.1317, 17.8838



63.1920, -4.5317, 6.8476



25.4190, 4.7234, 25.0655



31.2240, -3.0684, 4.1886



163.0000, 0.0000, 0.0000



36.0000, 0.0000, 0.0000

Same Dimension

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



33.6080, -12.1317, 17.8838



38.8390, -19.1476, 28.2052



46.5220, -18.4983, 6.5582



26.4840, -0.7316, 1.3295



50.4010, -24.8477, 36.4823



120.0720, -59.1955, 86.7599

Inverse Universe

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



29.3920, 12.1317, -17.8838



32.1610, 19.1476, -28.2052



16.4780, 18.4983, -6.5582



26.5160, 0.7316, -1.3295



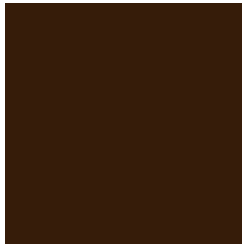
41.5990, 24.8477, -36.4823



99.5150, 58.9061, -87.2747

Previews

White Background



This preview shows how the YUV color 33.6080, -12.1317, 17.8838 looks on a white background.

Color Contrast Check

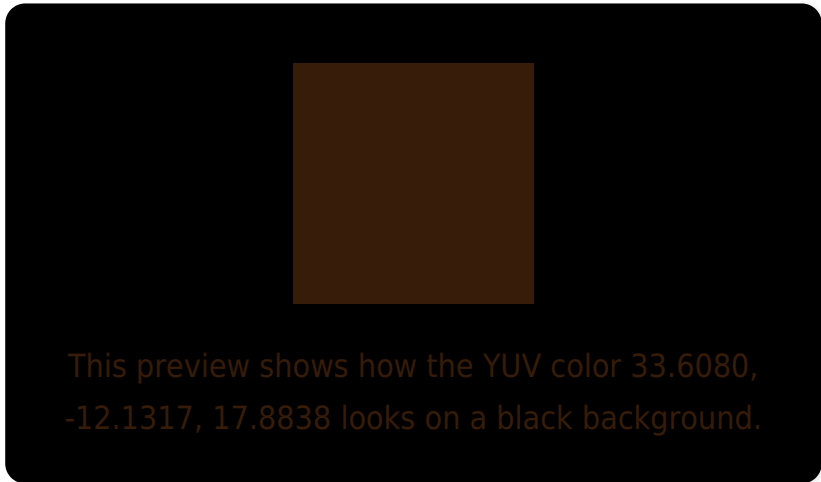
Large Text (above 18pt) WCAG AA ✓ Pass

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

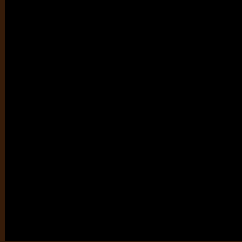
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 33.6080, -12.1317, 17.8838

Background



This preview shows how black text looks on a background with the YUV color 33.6080, -12.1317, 17.8838.

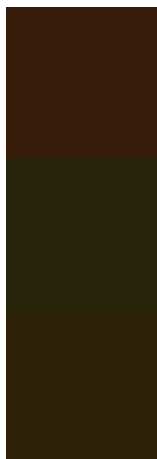


This preview shows how white text looks on a background with the YUV color 33.6080, -12.1317,

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

33.6080, -12.1317, 17.8838

Protanopia

33.4600, -11.0728, 4.8586

Deuteranopia

33.2110, -13.4150, 9.4620



Tritanopia

34.8990, -3.4012, 17.6286

Trichromacy



Original Color

33.6080, -12.1317, 17.8838

Protanomaly

33.0800, -11.3784, 9.5768

Deuteranomaly

33.3470, -12.9891, 12.8507

Tritanomaly

34.6880, -6.7482, 17.8136

Monochromacy



Original Color

33.6080, -12.1317, 17.8838

Achromatopsia

34.0000, 0.0000, 0.0000

Achromatomaly

33.8930, -4.3842, 6.2328

CSS Examples

Text

The CSS property to change the color of the text to YUV 33.6080, -12.1317, 17.8838 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(54, 28, 9)` looks like.

```
.text, #text, p{  
    color:rgb(54, 28, 9)  
}
```

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(54, 28, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 28, 9) }
```

Border

The CSS property to change the border of an element to YUV 33.6080, -12.1317, 17.8838 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(54, 28, 9) }
```


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

```
.border{ border-color:rgb(54, 28, 9) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 28, 9)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 28, 9); -webkit-box-shadow:4px  
4px 4px 4px rgb(54, 28, 9); box-shadow:4px  
4px 4px 4px rgb(54, 28, 9) }
```

Background

The CSS property to change the background color of an element to YUV 33.6080, -12.1317, 17.8838 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 28, 9) }
```

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

```
.background{ background-color: rgb(54, 28,  
9) }
```

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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