

Converting Colors

YUV(34.6390, -12.6400, -5.8224)

Have a look what the booklet for
YUV(34.6390, -12.6400, -5.8224)
contains.

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Color

**YUV(34.6390, -12.6400,
-5.8224)**

Conversions

Conversions Part 1

Format	Color
Hex	1C2B09
RGB	28, 43, 9
RGB Percent	11%, 17%, 4%
CMY	0.8902, 0.8314, 0.9647
CMYK	0.35, 0.00, 0.79, 0.83
HSL	86°, 65%, 10%
HSV	86°, 79%, 17%
XYZ	1.3921, 1.9944, 0.5700
YIQ	34.6390, 1.9740, -13.7540

Conversions

Conversions Part 2

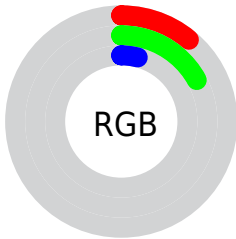
Format	Color
R_{YB}	9, 43, 24
Decimal	1846025
CIE _{Lab}	15.46, -13.26, 18.50
CIE _{LCh}	15, 22.759, 125.634
Y _{xy}	1.9944, 0.3518, 0.5041
Android (android.graphics.Color)	4280036105 (0xFF1C2B09)
YUV	34.6390, -12.6400, -5.8224
Hunter-Lab	14.1222, -7.1184, 7.4923

Details

The YUV color **34.6390, -12.6400, -5.8224** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **17.3610, 12.6400, 5.8224**, and the grayscale version is **35.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **80.1120, -13.3662, -6.2372**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **33.5850, -14.0924, -6.6520**, and if you desaturate by 10%, it is **35.6930, -11.1876, -4.9928**.

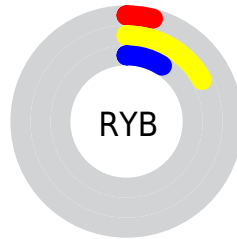
Distribution



Red (11%)

Green (17%)

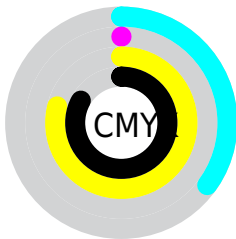
Blue (4%)



Red (4%)

Yellow (17%)

Blue (9%)

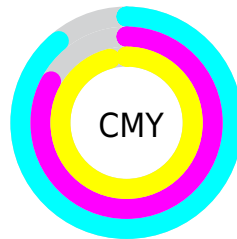


Cyan (35%)

Magenta (0%)

Yellow (79%)

Black (83%)



Cyan (89%)


Magenta (83%)


Yellow (96%)


Brightness & Saturation Gradients


These gradients show how the YUV color 34.6390, -12.6400, -5.8224 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 34.6390, -12.6400, -5.8224 by changing the saturation by 10% instead.

 34.6390, -12.6400,
-5.8224


 34.6390, -12.6400,
-5.8224

 252.6060, -9.1728,
2.0995


 14.0880, -6.9454,
-12.3552


 80.1120, -13.3662,
-6.2372

 0.0000, 0.0000,
0.0000

 103.9980,
-13.8030, -6.1372


 129.4710,
-14.5292, -6.5521


 155.3570,
-14.9660, -6.4521


 181.9440,
-15.2554, -6.9669


 209.8300,


-15.6922, -6.8669


 237.8300,
-15.6922, -6.8669


 34.6390, -12.6400,
-5.8224


 34.6390, -12.6400,
-5.8224


 33.5850, -14.0924,
-6.6520


 35.6930, -11.1876,
-4.9928

 32.4170, -15.9816,
-7.3817

 36.8610, -9.2985,
-4.2631

 37.9150, -7.8461,
-3.4335

 38.9690, -6.3937,
-2.6038

 39.7240, -4.7939,
-2.3889

■ 40.8920, -2.9048,
-1.6593

■ 41.9460, -1.4524,
-0.8296

■ 43.0000, 0.0000,
0.0000

■ 44.1680, 1.8892,
0.7297

Harmonies

Analogous

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



36.3480, -17.9196, 7.5878



34.6390, -12.6400, -5.8224



29.8630, -2.3975, -24.4359

Triad

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



34.6390, -12.6400, -5.8224



33.5800, 16.9691, -29.4497



38.5240, -1.2443, 25.8505

Complementary

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



34.6390, -12.6400, -5.8224



17.3610, 12.6400, 5.8224

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.



40.0160, 5.9081, 18.4030



34.6390, -12.6400, -5.8224



33.9770, 18.2523, -21.0278

Square

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



34.6390, -12.6400, -5.8224



33.5000, 11.5855, -29.3795



39.6380, 12.5035, 2.9485



37.9770, -8.3697, 24.5762

Rectangle

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



34.6390, -12.6400, -5.8224



31.1060, 2.4127, -27.2800



39.6380, 12.5035, 2.9485



38.6100, 1.6713, 24.0210

Sweetspot

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



34.6390, -12.6400, -5.8224



52.7240, -4.7939, -2.3889



27.9710, -9.3527, 13.1804



25.8920, -2.9048, -1.6593



156.0000, 0.0000, 0.0000



28.0000, 0.0000, 0.0000

Same Dimension

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



34.6390, -12.6400, -5.8224



43.0810, -19.7599, -8.8410



29.5560, -10.1341, -16.2736



19.4730, -0.7262, -0.4148



63.3610, -31.2370, -14.3486



159.7260, -78.7449, -36.5937

Inverse Universe

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



17.3610, 12.6400, 5.8224



15.9190, 19.7599, 8.8410



22.4440, 10.1341, 16.2736



18.5270, 0.7262, 0.4148



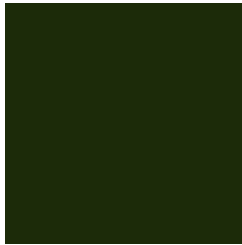
20.6390, 31.2370, 14.3486



51.9750, 78.8923, 35.9789

Previews

White Background



This preview shows how the YUV color 34.6390, -12.6400, -5.8224 looks on a white background.

Color Contrast Check

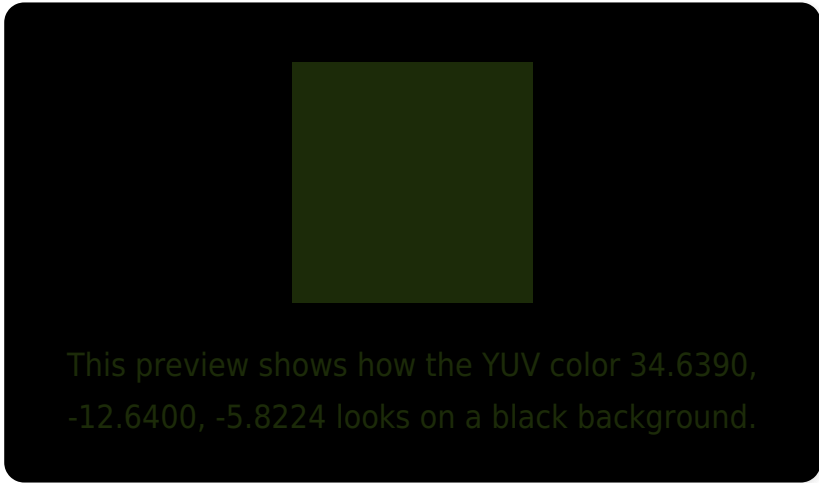
Large Text (above 18pt) WCAG AA ✓ Pass

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

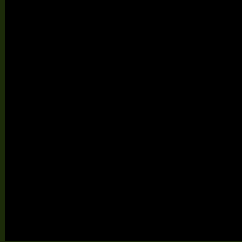
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

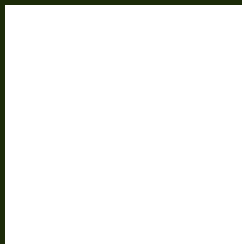
Any Text WCAG AAA × Fail

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

YUV 34.6390, -12.6400, -5.8224 Background



This preview shows how black text looks on a background with the YUV color 34.6390, -12.6400, -5.8224.



This preview shows how white text looks on a background with the YUV color 34.6390, -12.6400,

-5.8224.

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

34.6390, -12.6400, -5.8224

Protanopia

36.9610, -14.2778, 6.1732

Deuteranopia

37.7380, -12.6888, 9.8768



Tritanopia

37.9500, 2.4897, -5.2181

Trichromacy



Original Color

34.6390, -12.6400, -5.8224

Protanomaly

35.7540, -13.6827, 1.9697

Deuteranomaly

36.4060, -12.5252, 4.0289

Tritanomaly

36.8700, -2.8939, -5.1480

Monochromacy



Original Color

34.6390, -12.6400, -5.8224

Achromatopsia

35.0000, 0.0000, 0.0000

Achromatomaly

34.8380, -4.3571, -2.4889

CSS Examples

Text

The CSS property to change the color of the text to YUV 34.6390, -12.6400, -5.8224 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(28, 43, 9)` looks like.

```
.text, #text, p{  
    color:rgb(28, 43, 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(28, 43, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 43, 9) }
```

Border

The CSS property to change the border of an element to YUV 34.6390, -12.6400, -5.8224 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(28, 43, 9) }
```


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

```
.border{ border-color:rgb(28, 43, 9) }
```

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

Here you see how a box with a 4 pixel `rgb(28, 43, 9)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 43, 9); -webkit-box-shadow:4px  
4px 4px 4px rgb(28, 43, 9); box-shadow:4px  
4px 4px 4px rgb(28, 43, 9) }
```

Background

The CSS property to change the background color of an element to YUV 34.6390, -12.6400, -5.8224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 43, 9) }
```

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

```
.background{ background-color: rgb(28, 43,  
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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