

Converting Colors

YUV(29.3640, -12.0115,
25.9908)

Have a look what the booklet for
YUV(29.3640, -12.0115, 25.9908)
contains.

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Color

**YUV(29.3640, -12.0115,
25.9908)**

Conversions

Conversions Part 1

Format	Color
Hex	3B1305
RGB	59, 19, 5
RGB Percent	23%, 7%, 2%
CMY	0.7686, 0.9255, 0.9804
CMYK	0.00, 0.68, 0.92, 0.77
HSL	16°, 84%, 13%
HSV	16°, 92%, 23%
XYZ	2.0639, 1.4065, 0.3063
YIQ	29.3640, 28.3340, 4.1260

Conversions

Conversions Part 2

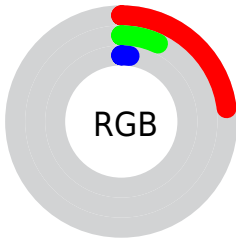
Format	Color
R_{YB}	59, 24, 5
Decimal	3871493
CIE Lab	12.00, 18.80, 16.31
CIE LCh	12, 24.889, 40.944
Yxy	1.4065, 0.5465, 0.3724
Android (android.graphics.Color)	4282061573 (0xFF3B1305)
YUV	29.3640, -12.0115, 25.9908
Hunter-Lab	11.8596, 10.3095, 6.7705

Details

The YUV color **29.3640, -12.0115, 25.9908** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **34.6360, 12.0115, -25.9908**, and the grayscale version is **29.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **75.6850, -12.1697, 30.0943**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **26.4460, -13.0379, 28.5499**, and if you desaturate by 10%, it is **32.3960, -10.5482, 23.3317**.

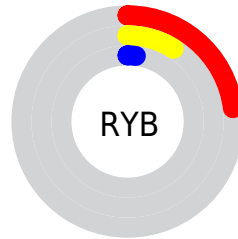
Distribution



Red (23%)

Green (7%)

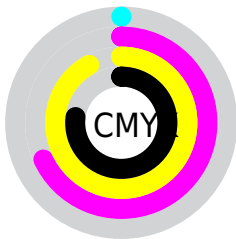
Blue (2%)



Red (23%)

Yellow (9%)

Blue (2%)

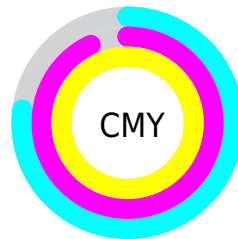


Cyan (0%)

Magenta (68%)

Yellow (92%)

Black (77%)



Cyan (77%)

Magenta (93%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the YUV color 29.3640, -12.0115, 25.9908 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 29.3640, -12.0115, 25.9908 by changing the saturation by 10% instead.

■ 29.3640, -12.0115,
25.9908

■ 29.3640, -12.0115,
25.9908

■ 247.4540, -8.6048,
6.6178

■ 11.0630, -5.4541,
22.7467

■ 75.6850, -12.1697,
30.0943

■ 0.0000, 0.0000,
0.0000

■ 100.0550,
-13.3381, 31.5238

■ 124.9520,
-13.7803, 33.3681


■ 151.4360,
-14.5119, 34.6976


■ 178.3330,
-14.9542, 36.5420


■ 206.4040,


-15.9752, 37.3567


 227.2390,
-12.4428, 24.3464


 29.3640, -12.0115,
25.9908


 29.3640, -12.0115,
25.9908


 26.4460, -13.0379,
28.5499

 32.3960, -10.5482,
23.3317

 36.0150, -9.3744,
20.1578

 39.0470, -7.9112,
17.4988

 42.0790, -6.4479,
14.8397

 45.6980, -5.2741,
11.6659

■ 48.6160, -4.2477,
9.1068

■ 52.2350, -3.0739,
5.9329

■ 55.2670, -1.6106,
3.2738

■ 58.2990, -0.1474,
0.6148

Harmonies

Analogous

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



29.7200, -1.8340, 28.3096



29.3640, -12.0115, 25.9908



29.9130, -14.7471, 16.7393

Triad

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



29.3640, -12.0115, 25.9908



25.1730, -2.5503, -22.0767



26.5040, 18.9785, -20.6130

Complementary

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



29.3640, -12.0115, 25.9908



34.6360, 12.0115, -25.9908

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.



28.4280, 17.5370, -24.9314



29.3640, -12.0115, 25.9908



27.6980, 4.5859, -24.2911

Square

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



29.3640, -12.0115, 25.9908



26.2150, -12.9240, -8.0816



29.0490, 12.3008, -25.4760



32.6600, 12.4926, 6.4372

Rectangle

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



29.3640, -12.0115, 25.9908



30.1570, -14.8674, 8.6323



29.0490, 12.3008, -25.4760



26.8950, 19.2788, -23.5869

Sweetspot

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



29.3640, -12.0115, 25.9908



65.2140, -4.5425, 10.3363



25.7060, 9.5119, 29.1988



31.3490, -2.6371, 5.8329



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.



29.3640, -12.0115, 25.9908



34.7630, -17.1382, 37.0418



44.6260, -19.5356, 12.6060



28.8970, -0.4422, 1.8443



42.1940, -20.8016, 45.4339



100.4240, -49.5090, 106.6222

Inverse Universe

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



34.6360, 12.0115, -25.9908



42.2370, 17.1382, -37.0418



19.3740, 19.5356, -12.6060



29.5160, 0.7316, -1.3295



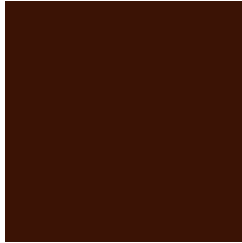
51.8060, 20.8016, -45.4339



121.5760, 49.5090, -106.6222

Previews

White Background



This preview shows how the YUV color 29.3640, -12.0115, 25.9908 looks on a white background.

Color Contrast Check

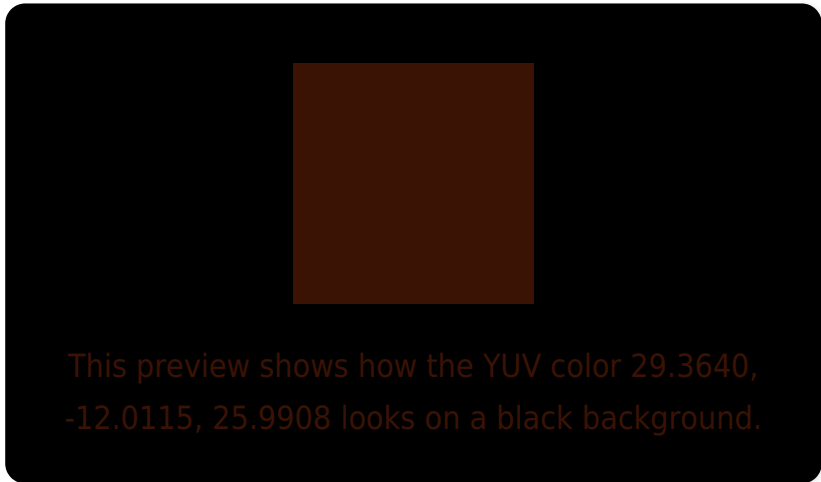
Large Text (above 18pt) WCAG AA ✓ Pass

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

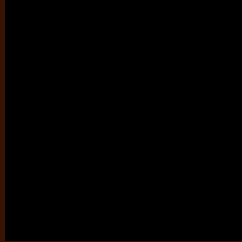
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 29.3640, -12.0115, 25.9908

Background



This preview shows how black text looks on a background with the YUV color 29.3640, -12.0115, 25.9908.

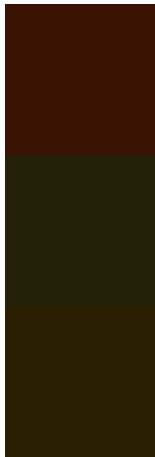


This preview shows how white text looks on a background with the YUV color 29.3640, -12.0115,

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

29.3640, -12.0115, 25.9908

Protanopia

31.4600, -11.0728, 4.8586

Deuteranopia

30.7550, -15.1622, 9.8619



Tritanopia

30.3730, -5.6069, 25.1059

Trichromacy



Original Color

29.3640, -12.0115, 25.9908

Protanomaly

30.8030, -11.2419, 12.4508

Deuteranomaly

30.4290, -14.0155, 15.4098

Tritanomaly

29.8030, -7.7909, 25.6058

Monochromacy



Original Color

29.3640, -12.0115, 25.9908

Achromatopsia

29.0000, 0.0000, 0.0000

Achromatomaly

28.9150, -4.3951, 9.7215

CSS Examples

Text

The CSS property to change the color of the text to YUV 29.3640, -12.0115, 25.9908 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, 19, 5)` looks like.

```
.text, #text, p{  
    color:rgb(59, 19, 5)  
}
```

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, 19, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 19, 5) }
```

Border

The CSS property to change the border of an element to YUV 29.3640, -12.0115, 25.9908 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, 19, 5) }
```


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

```
.border{ border-color:rgb(59, 19, 5) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 19, 5)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 19, 5); -webkit-box-shadow:4px  
4px 4px 4px rgb(59, 19, 5); box-shadow:4px  
4px 4px 4px rgb(59, 19, 5) }
```

Background

The CSS property to change the background color of an element to YUV 29.3640, -12.0115, 25.9908 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 19, 5) }
```

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

```
.background{ background-color: rgb(59, 19,  
5) }
```

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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