

Converting Colors

YUV(28.1610, -4.0234, 30.5538)

Have a look what the booklet for
YUV(28.1610, -4.0234, 30.5538)
contains.

YUV(28.1610, -4.0234, 30.5538)	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(28.1610, -4.0234,
30.5538)**

Conversions

Conversions Part 1

Format	Color
Hex	3F0C14
RGB	63, 12, 20
RGB Percent	25%, 5%, 8%
CMY	0.7529, 0.9529, 0.9216
CMYK	0.00, 0.81, 0.68, 0.75
HSL	351°, 68%, 15%
HSV	351°, 81%, 25%
XYZ	2.3076, 1.3702, 0.8047
YIQ	28.1610, 27.8280, 13.3000

Conversions

Conversions Part 2

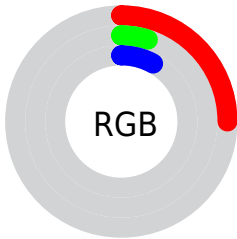
Format	Color
RYB	63, 12, 20
Decimal	4131860
CIELab	11.76, 25.14, 8.76
CIELCh	12, 26.619, 19.220
Yxy	1.3702, 0.5148, 0.3057
Android (android.graphics.Color)	4282321940 (0xFF3F0C14)
YUV	28.1610, -4.0234, 30.5538
Hunter-Lab	11.7056, 14.7046, 4.1182

Details

The YUV color **28.1610, -4.0234, 30.5538** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **46.8390, 4.0234, -30.5538**, and the grayscale version is **28.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **75.2000, -6.5076, 34.0276**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **24.0690, -4.4710, 34.1425**, and if you desaturate by 10%, it is **32.2530, -3.5757, 26.9651**.

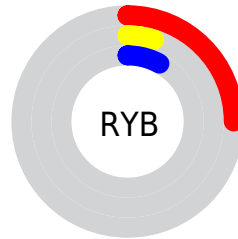
Distribution



Red (25%)

Green (5%)

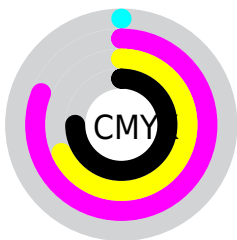
Blue (8%)



Red (25%)

Yellow (5%)

Blue (8%)

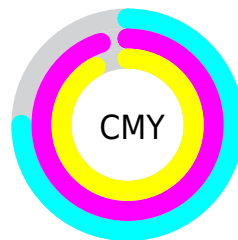


Cyan (0%)

Magenta (81%)

Yellow (68%)

Black (75%)



Cyan (75%)

Magenta (95%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the YUV color 28.1610, -4.0234, 30.5538 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 28.1610, -4.0234, 30.5538 by changing the saturation by 10% instead.

■ 28.1610, -4.0234,
30.5538

■ 28.1610, -4.0234,
30.5538

■ 246.1150, -1.0427,
7.7921

■ 12.5580, -6.1911,
25.8206

■ 75.2000, -6.5076,
34.0276

■ 0.0000, 0.0000,
0.0000

■ 99.9830, -7.3866,
35.9719

■ 125.7660, -8.2656,
37.9162

■ 151.7770, -8.2711,
39.6606

■ 178.9620, -8.8553,
40.3753

■ 206.8590, -9.2975,

42.2197

■ 226.4870, -5.1701,
25.0059

■ 28.1610, -4.0234,
30.5538

■ 28.1610, -4.0234,
30.5538

■ 24.0690, -4.4710,
34.1425

■ 32.2530, -3.5757,
26.9651

■ 19.9770, -4.9187,
37.7312

■ 37.0460, -2.9807,
22.7617

■ 41.1380, -2.5330,
19.1730

■ 45.2300, -2.0854,
15.5843

■ 50.0230, -1.4903,
11.3808

■ 54.1150, -1.0427,
7.7921

■ 58.2070, -0.5951,
4.2035

■ 62.2990, -0.1474,
0.6148

■ 67.0920, 0.4476,
-3.5887

Harmonies

Analogous

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



29.3160, 4.2812, 26.9099



28.1610, -4.0234, 30.5538



28.4950, -14.0480, 25.8759

Triad

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



28.1610, -4.0234, 30.5538



23.8120, -11.7393, -14.7441



28.1830, 19.1368, -24.7165

Complementary

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



28.1610, -4.0234, 30.5538



46.8390, 4.0234, -30.5538

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.



28.9180, 14.3374, -25.3611



28.1610, -4.0234, 30.5538



25.6290, -0.8031, -22.4766

Square

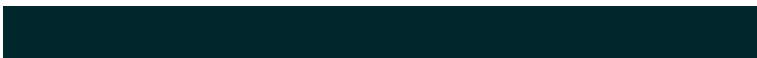
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



28.1610, -4.0234, 30.5538



28.6290, -14.1141, 0.3254



27.7950, 7.4961, -24.3762



29.0320, 18.2252, -12.3061

Rectangle

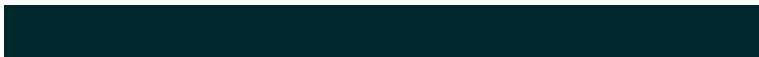
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



28.1610, -4.0234, 30.5538



29.6250, -14.6051, 17.8689



27.7950, 7.4961, -24.3762



28.5420, 17.9738, -25.0313

Sweetspot

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



28.1610, -4.0234, 30.5538



68.3220, -1.6377, 11.9956



30.6710, 15.9382, 21.3365



32.8160, -0.8953, 7.1774



168.0000, 0.0000, 0.0000



41.0000, 0.0000, 0.0000

Same Dimension

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



28.1610, -4.0234, 30.5538



27.4020, -6.1142, 47.8824



37.2280, -12.4374, 22.6020



28.8970, -0.4422, 1.8443



29.8160, -7.3043, 56.2894



70.3680, -17.4364, 132.9813

Inverse Universe

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



28.1610, -4.0234, 30.5538



27.4020, -6.1142, 47.8824



37.7720, 12.4374, -22.6020



28.8970, -0.4422, 1.8443



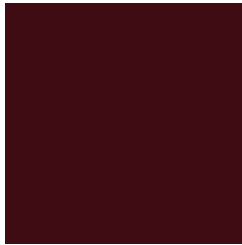
29.8160, -7.3043, 56.2894



70.3680, -17.4364, 132.9813

Previews

White Background



This preview shows how the YUV color 28.1610, -4.0234, 30.5538 looks on a white background.

Color Contrast Check

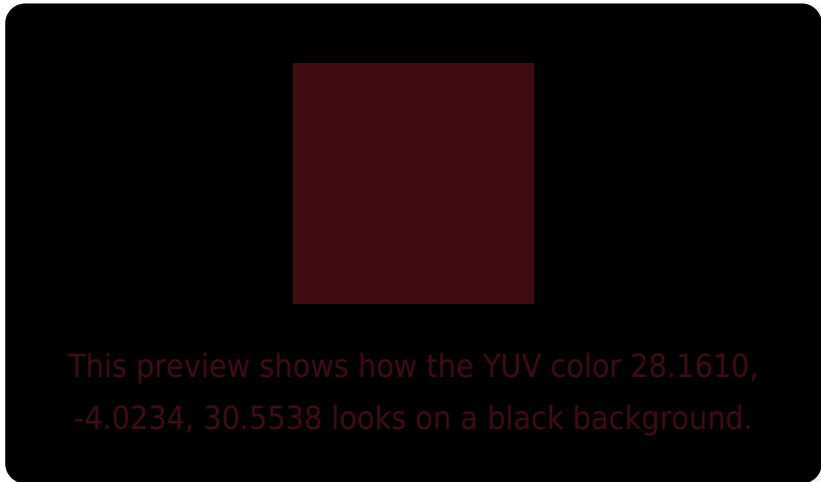
Large Text (above 18pt) WCAG AA ✓ Pass

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

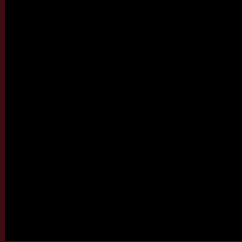
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 28.1610, -4.0234, 30.5538

Background



This preview shows how black text looks on a background with the YUV color 28.1610, -4.0234, 30.5538.



This preview shows how white text looks on a background with the YUV color 28.1610, -4.0234,

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

28.1610, -4.0234, 30.5538

Protanopia

33.0280, -2.4788, 1.7294

Deuteranopia

32.9810, -7.8786, 7.0327



Tritanopia

27.9500, -7.3703, 30.7388

Trichromacy



Original Color

28.1610, -4.0234, 30.5538

Protanomaly

30.9800, -2.9481, 12.2955

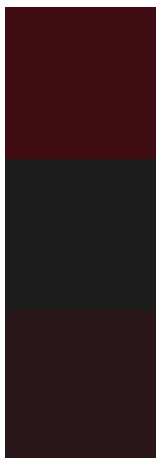
Deuteranomaly

31.3780, -6.5954, 15.4545

Tritanomaly

28.2920, -6.0600, 30.4389

Monochromacy



Original Color

28.1610, -4.0234, 30.5538

Achromatopsia

28.0000, 0.0000, 0.0000

Achromatomaly

28.0230, -1.4903, 11.3808

CSS Examples

Text

The CSS property to change the color of the text to YUV 28.1610, -4.0234, 30.5538 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(63, 12, 20)` looks like.

```
.text, #text, p{  
    color:rgb(63, 12, 20)  
}
```

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(63, 12, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 12, 20) }
```

Border

The CSS property to change the border of an element to YUV 28.1610, -4.0234, 30.5538 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(63, 12, 20) }
```


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

```
.border{ border-color:rgb(63, 12, 20) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 12, 20)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 12, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 12, 20);  
box-shadow:4px 4px 4px 4px rgb(63, 12, 20)  
}
```

Background

The CSS property to change the background color of an element to YUV 28.1610, -4.0234, 30.5538 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 12, 20) }
```

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

```
.background{ background-color: rgb(63, 12,  
20) }
```

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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