

Converting Colors

YUV(29.6170, 1.1748, 43.3089)

Have a look what the booklet for
YUV(29.6170, 1.1748, 43.3089)
contains.

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Color

**YUV(29.6170, 1.1748,
43.3089)**

Conversions

Conversions Part 1

Format	Color
Hex	4F0420
RGB	79, 4, 32
RGB Percent	31%, 2%, 13%
CMY	0.6902, 0.9843, 0.8745
CMYK	0.00, 0.95, 0.59, 0.69
HSL	338°, 90%, 16%
HSV	338°, 95%, 31%
XYZ	3.5286, 1.8534, 1.5383
YIQ	29.6170, 35.7120, 24.6080

Conversions

Conversions Part 2

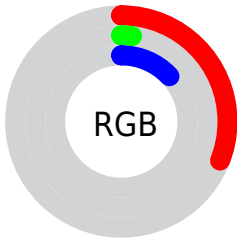
Format	Color
R_{YB}	79, 4, 32
Decimal	5178400
CIE _{Lab}	14.70, 34.48, 4.58
CIE _{LCh}	15, 34.781, 7.565
Yxy	1.8534, 0.5099, 0.2678
Android (android.graphics.Color)	4283368480 (0xFF4F0420)
YUV	29.6170, 1.1748, 43.3089
Hunter-Lab	13.6139, 22.4410, 2.8304

Details

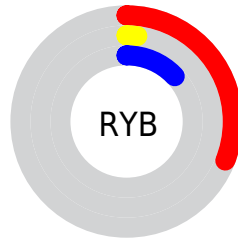
The YUV color **29.6170, 1.1748, 43.3089** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **53.3830, -1.1748, -43.3089**, and the grayscale version is **30.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **81.5910, -2.7564, 44.2087**, and **7.2900, -3.1010, 14.6547** is the 20% darker color. If you saturate the color by 10%, you get **26.9270, 1.0220, 45.6680**, and if you desaturate by 10%, it is **34.8830, 1.0437, 38.6906**.

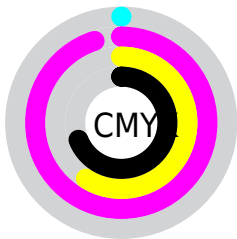
Distribution



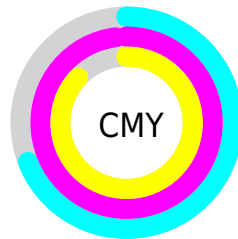
- Red (31%)
- Green (2%)
- Blue (13%)



- Red (31%)
- Yellow (2%)
- Blue (13%)



- Cyan (0%)
- Magenta (95%)
- Yellow (59%)
- Black (69%)



- Cyan (69%)
- Magenta (98%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 29.6170, 1.1748, 43.3089 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 29.6170, 1.1748, 43.3089 by changing the saturation by 10% instead.

■ 29.6170, 1.1748,
43.3089

■ 29.6170, 1.1748,
43.3089

■ 248.5430, 3.1833,
5.6628

■ 17.0580, -4.4656,
32.3981

■ 81.5910, -2.7564,
44.2087

■ 7.2900, -3.1010,
14.6547

■ 106.6730, -3.7828,
46.7678

■ 0.0000, 0.0000,
0.0000


■ 133.1570, -4.5144,
48.0973


■ 160.0540, -4.9566,
49.9416


■ 187.6520, -5.2514,
51.1712

■ 209.2700, -2.5981,

40.1052

 228.8980, 1.5293,
22.8915


 29.6170, 1.1748,
43.3089


 29.6170, 1.1748,
43.3089

 26.9270, 1.0220,
45.6680

 34.8830, 1.0437,
38.6906

 40.1490, 0.9125,
34.0723

 45.4150, 0.7814,
29.4540

 50.6810, 0.6503,
24.8358

 55.9470, 0.5191,
20.2175

■ 60.6260, 0.6774,
16.1140

■ 65.8920, 0.5462,
11.4957

■ 71.1580, 0.4151,
6.8774

■ 76.4240, 0.2840,
2.2592

Harmonies

Analogous

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



34.3580, 10.6695, 31.2580



29.6170, 1.1748, 43.3089



31.5720, -14.0860, 38.0864

Triad

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



29.6170, 1.1748, 43.3089



30.0250, -14.8023, -12.2999



35.8770, 23.2316, -31.4641

Complementary

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



29.6170, 1.1748, 43.3089



53.3830, -1.1748, -43.3089

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.



35.2270, 15.6641, -30.8941



29.6170, 1.1748, 43.3089



28.9400, -5.8864, -25.3804

Square

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



29.6170, 1.1748, 43.3089



34.8640, -17.1880, 6.2583



33.0780, 4.8915, -29.0094



32.1100, 26.5678, -28.1605

Rectangle

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



29.6170, 1.1748, 43.3089



34.1210, -16.8217, 28.8349



33.0780, 4.8915, -29.0094



35.8940, 20.7583, -31.4790

Sweetspot

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



29.6170, 1.1748, 43.3089



82.9250, 0.5300, 16.7288



26.3040, 25.9791, 20.7814



39.7670, 0.1149, 9.8513



179.0000, 0.0000, 0.0000



51.0000, 0.0000, 0.0000

Same Dimension

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



29.6170, 1.1748, 43.3089



34.8300, 1.5628, 58.9081



31.7080, -13.6600, 41.4751



35.4240, 0.2840, 2.2592



78.5740, 3.6610, 132.8006

Inverse Universe

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



29.6170, 1.1748, 43.3089



34.8300, 1.5628, 58.9081



51.2920, 13.6600, -41.4751



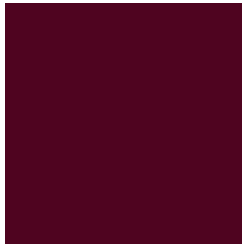
35.4240, 0.2840, 2.2592



78.5740, 3.6610, 132.8006

Previews

White Background



This preview shows how the YUV color 29.6170, 1.1748, 43.3089 looks on a white background.

Color Contrast Check

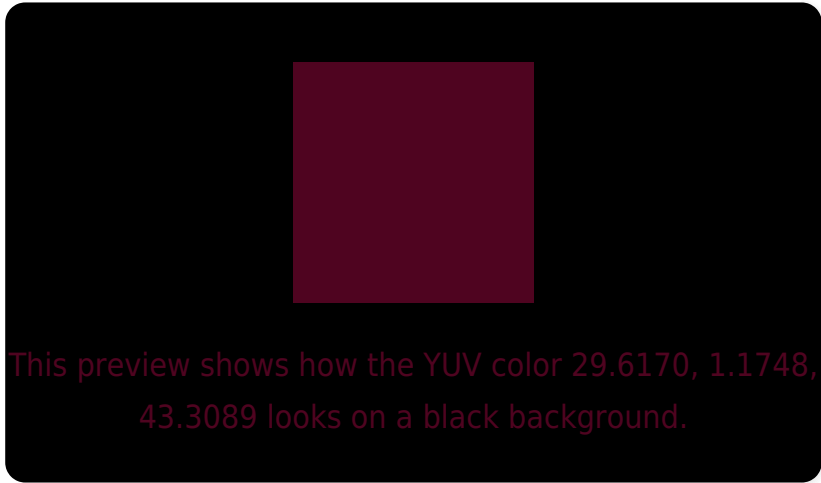
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.6170, 1.1748, 43.3089

Background



This preview shows how black text looks on a background with the YUV color 29.6170, 1.1748, 43.3089.



This preview shows how white text looks on a background with the YUV color 29.6170, 1.1748,

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

29.6170, 1.1748, 43.3089

Protanopia

40.7980, 3.0576, -0.6998

Deuteranopia

40.5510, -5.6946, 6.5328



Tritanopia

32.4350, -9.5815, 39.9605

Trichromacy



Original Color

29.6170, 1.1748, 43.3089

Protanomaly

36.7830, 2.5720, 15.0993

Deuteranomaly

36.3230, -3.1172, 19.8877

Tritanomaly

31.4720, -5.6557, 40.8051

Monochromacy



Original Color

29.6170, 1.1748, 43.3089

Achromatopsia

30.0000, 0.0000, 0.0000

Achromatomaly

30.2130, 0.3880, 15.5992

CSS Examples

Text

The CSS property to change the color of the text to YUV 29.6170, 1.1748, 43.3089 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(79, 4, 32)` looks like.

```
.text, #text, p{  
    color:rgb(79, 4, 32)  
}
```

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(79, 4, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 4, 32) }
```

Border

The CSS property to change the border of an element to YUV 29.6170, 1.1748, 43.3089 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(79, 4, 32) }
```

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

```
.border{ border-color:rgb(79, 4, 32) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 4, 32)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 4, 32); -webkit-box-shadow:4px  
4px 4px 4px rgb(79, 4, 32); box-shadow:4px  
4px 4px 4px rgb(79, 4, 32) }
```

Background

The CSS property to change the background color of an element to YUV 29.6170, 1.1748, 43.3089 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 4, 32) }
```

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

```
.background{ background-color: rgb(79, 4,  
32) }
```

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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