

Converting Colors

YUV(24.4660, -6.6387, 29.4093)

Have a look what the booklet for
YUV(24.4660, -6.6387, 29.4093)
contains.

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Color

**YUV(24.4660, -6.6387,
29.4093)**

Conversions

Conversions Part 1

Format	Color
Hex	3A0A0B
RGB	58, 10, 11
RGB Percent	23%, 4%, 4%
CMY	0.7725, 0.9608, 0.9569
CMYK	0.00, 0.83, 0.81, 0.77
HSL	359°, 71%, 13%
HSV	359°, 83%, 23%
XYZ	1.9139, 1.1408, 0.4359
YIQ	24.4660, 28.2870, 10.4870

Conversions

Conversions Part 2

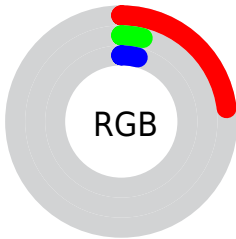
Format	Color
R_{YB}	58, 10, 11
Decimal	3803659
CIE _{Lab}	10.11, 23.47, 11.20
CIE _{LCh}	10, 26.007, 25.512
Yxy	1.1408, 0.5483, 0.3268
Android (android.graphics.Color)	4281993739 (0xFF3A0A0B)
YUV	24.4660, -6.6387, 29.4093
Hunter-Lab	10.6808, 13.2938, 5.0566

Details

The YUV color **24.4660, -6.6387, 29.4093** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **43.5340, 6.6387, -29.4093**, and the grayscale version is **25.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **71.1460, -7.9600, 33.1980**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **20.2600, -7.5232, 33.0980**, and if you desaturate by 10%, it is **28.6720, -5.7543, 25.7207**.

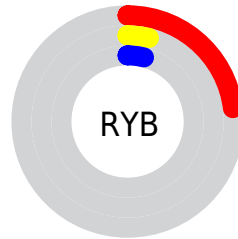
Distribution



 Red (23%)

 Green (4%)

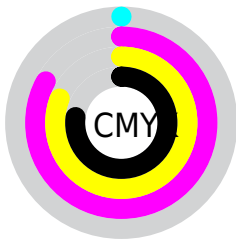
 Blue (4%)



 Red (23%)

 Yellow (4%)

 Blue (4%)

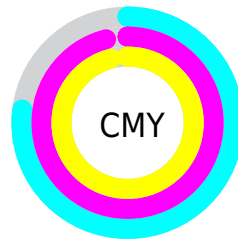


 Cyan (0%)

 Magenta (83%)

 Yellow (81%)

 Black (77%)



 Cyan (77%)

 Magenta (96%)

 Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the YUV color 24.4660, -6.6387, 29.4093 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 24.4660, -6.6387, 29.4093 by changing the saturation by 10% instead.

■ 24.4660, -6.6387,
29.4093

■ 24.4660, -6.6387,
29.4093

■ 243.3280, -4.1057,
10.2363

■ 11.1770, -5.0173,
22.6468

■ 71.1460, -7.9600,
33.1980

■ 0.0000, 0.0000,
0.0000

■ 95.5160, -9.1284,
34.6275

■ 121.2990,
-10.0074, 36.5718

■ 147.1960,
-10.4496, 38.4161

■ 173.7940,
-10.7444, 39.6457

■ 201.3920,

-11.0393, 40.8752

■ 222.9990, -8.3805,
28.0649

■ 24.4660, -6.6387,
29.4093

■ 24.4660, -6.6387,
29.4093

■ 20.2600, -7.5232,
33.0980

■ 28.6720, -5.7543,
25.7207

■ 17.4560, -8.1128,
35.5571

■ 32.7640, -5.3067,
22.1320

■ 36.3830, -4.1328,
18.9581

■ 40.5890, -3.2484,
15.2694

■ 44.6810, -2.8007,
11.6808

■ 48.8870, -1.9163,
7.9921

■ 53.0930, -1.0318,
4.3034

■ 56.5980, -0.2948,
1.2296

■ 60.8040, 0.5896,
-2.4591

Harmonies

Analogous

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



25.2730, 2.8234, 27.8246



24.4660, -6.6387, 29.4093



25.8150, -12.7268, 22.0872

Triad

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



24.4660, -6.6387, 29.4093



19.9580, -9.8393, -17.5032



25.3790, 18.5472, -22.2574

Complementary

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



24.4660, -6.6387, 29.4093



43.5340, 6.6387, -29.4093

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.



26.4560, 15.0582, -23.2019



24.4660, -6.6387, 29.4093



23.8680, 0.0651, -20.9322

Square

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



24.4660, -6.6387, 29.4093



24.7750, -12.2141, -2.4337



25.9200, 7.9274, -22.7318



27.2070, 16.1669, -5.4435

Rectangle

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



24.4660, -6.6387, 29.4093



26.9450, -13.2839, 14.0802



25.9200, 7.9274, -22.7318



25.8520, 17.8210, -22.6722

Sweetspot

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



24.4660, -6.6387, 29.4093



63.0940, -2.5113, 12.1956



29.2260, 14.1856, 23.4808



30.2890, -1.6215, 6.7625



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.



24.4660, -6.6387, 29.4093



23.8380, -10.7661, 46.6231



37.2660, -13.4421, 18.1837



25.8970, -0.4422, 1.8443



27.7360, -12.6878, 56.3595



66.0510, -30.0981, 134.1363

Inverse Universe

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



24.4660, -6.6387, 29.4093



23.8380, -10.7661, 46.6231



30.7340, 13.4421, -18.1837



25.8970, -0.4422, 1.8443



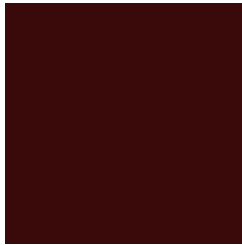
27.7360, -12.6878, 56.3595



66.0510, -30.0981, 134.1363

Previews

White Background



This preview shows how the YUV color 24.4660, -6.6387, 29.4093 looks on a white background.

Color Contrast Check

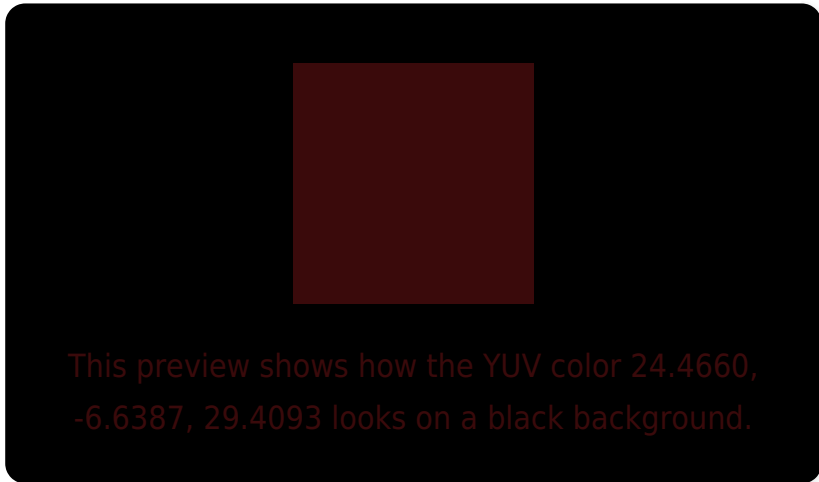
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.4660, -6.6387, 29.4093

Background



This preview shows how black text looks on a background with the YUV color 24.4660, -6.6387, 29.4093.

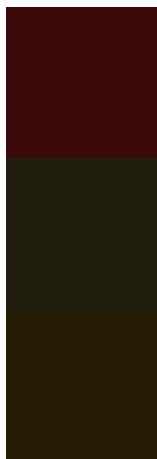


This preview shows how white text looks on a background with the YUV color 24.4660, -6.6387,

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

24.4660, -6.6387, 29.4093

Protanopia

29.3010, -6.5574, 3.2440

Deuteranopia

29.1830, -10.9362, 7.7325



Tritanopia

24.3520, -7.0755, 29.5093

Trichromacy



Original Color

24.4660, -6.6387, 29.4093

Protanomaly

27.6550, -6.7319, 12.5806

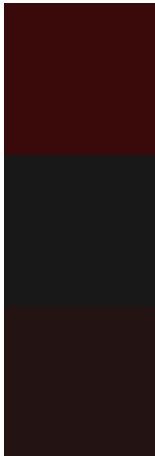
Deuteranomaly

27.2810, -9.5055, 15.5396

Tritanomaly

24.3520, -7.0755, 29.5093

Monochromacy



Original Color

24.4660, -6.6387, 29.4093

Achromatopsia

24.0000, 0.0000, 0.0000

Achromatomaly

24.0830, -2.5059, 10.4512

CSS Examples

Text

The CSS property to change the color of the text to YUV 24.4660, -6.6387, 29.4093 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(58, 10, 11)` looks like.

```
.text, #text, p{  
    color:rgb(58, 10, 11)  
}
```

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(58, 10, 11) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 10, 11) }
```

Border

The CSS property to change the border of an element to YUV 24.4660, -6.6387, 29.4093 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(58, 10, 11) }
```


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

```
.border{ border-color:rgb(58, 10, 11) }
```

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

Here you see how a box with a 4 pixel rgb(58, 10, 11) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 10, 11); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 10, 11);  
box-shadow:4px 4px 4px 4px rgb(58, 10, 11)  
}
```

Background

The CSS property to change the background color of an element to YUV 24.4660, -6.6387, 29.4093 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 10, 11) }
```

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

```
.background{ background-color: rgb(58, 10,  
11) }
```

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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