

Converting Colors

YUV(24.5610, -10.6296,
49.4970)

Have a look what the booklet for
YUV(24.5610, -10.6296, 49.4970)
contains.

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Color

**YUV(24.5610, -10.6296,
49.4970)**

Conversions

Conversions Part 1

Format	Color
Hex	510003
RGB	81, 0, 3
RGB Percent	32%, 0%, 1%
CMY	0.6824, 1.0000, 0.9882
CMYK	0.00, 1.00, 0.96, 0.68
HSL	358°, 100%, 16%
HSV	358°, 100%, 32%
XYZ	3.4098, 1.7559, 0.2454
YIQ	24.5610, 47.3130, 18.1050

Conversions

Conversions Part 2

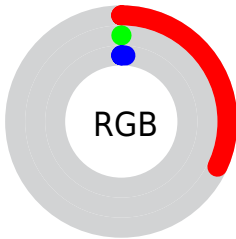
Format	Color
R_{YB}	81, 0, 3
Decimal	5308419
CIE _{Lab}	14.15, 34.95, 20.89
CIE _{LCh}	14, 40.713, 30.867
Yxy	1.7559, 0.6302, 0.3245
Android (android.graphics.Color)	4283498499 (0xFF510003)
YUV	24.5610, -10.6296, 49.4970
Hunter-Lab	13.2511, 22.7425, 8.1779

Details

The YUV color **24.5610, -10.6296, 49.4970** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **56.4390, 10.6296, -49.4970**, and the grayscale version is **25.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **77.9480, -14.2714, 50.9116**, and **6.2790, -3.0955, 12.9103** is the 20% darker color. If you saturate the color by 10%, you get **24.5610, -10.6296, 49.4970**, and if you desaturate by 10%, it is **30.1690, -9.4503, 44.5788**.

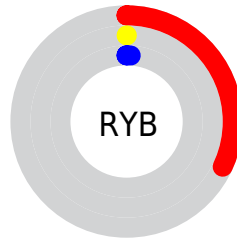
Distribution



Red (32%)

Green (0%)

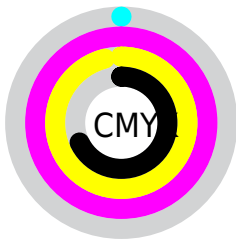
Blue (1%)



Red (32%)

Yellow (0%)

Blue (1%)

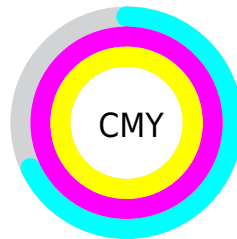


Cyan (0%)

Magenta (100%)

Yellow (96%)

Black (68%)



Cyan (68%)


Magenta (100%)


Yellow (99%)


Brightness & Saturation Gradients


These gradients show how the YUV color 24.5610, -10.6296, 49.4970 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 24.5610, -10.6296, 49.4970 by changing the saturation by 10% instead.


 24.5610, -10.6296,
49.4970


 24.5610, -10.6296,
49.4970

 243.7040, -7.7421,
9.9066

 16.1460, -7.9600,
33.1980


 77.9480, -14.2714,
50.9116


 6.2790, -3.0955,
12.9103

 103.3290,
-15.4452, 54.0855

 0.0000, 0.0000,
0.0000


 129.8840,
-17.1978, 56.2297


 156.6670,
-18.0768, 58.1740


 183.8630,
-18.6665, 60.6331


 203.8610,


-15.7075, 44.8489


 223.4890,
-11.5801, 27.6351


 24.5610, -10.6296,
49.4970

 30.1690, -9.4503,
44.5788

 35.7770, -8.2711,
39.6606

 41.2710, -7.5286,
34.8423

 46.8790, -6.3493,
29.9241

 53.0740, -5.4595,
24.4911

■ 58.6820, -4.2802,
19.5729

■ 64.2900, -3.1010,
14.6547

■ 69.7840, -2.3585,
9.8364

■ 75.3920, -1.1793,
4.9182

Harmonies

Analogous

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



28.9210, 3.4899, 47.4273



24.5610, -10.6296, 49.4970



32.9470, -16.2429, 29.8645

Triad

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



24.5610, -10.6296, 49.4970



27.0020, -13.3120, -23.6808



34.1960, 29.4834, -29.9899

Complementary

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



24.5610, -10.6296, 49.4970



56.4390, 10.6296, -49.4970

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.



36.8060, 24.2526, -32.2789



24.5610, -10.6296, 49.4970



31.6930, 2.1234, -27.7948

Square

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



24.5610, -10.6296, 49.4970



29.4380, -14.5129, -11.7851



34.9990, 14.7905, -30.6941



35.2100, 25.0395, -4.5692

Rectangle

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



24.5610, -10.6296, 49.4970



34.6310, -17.0731, 16.1096



34.9990, 14.7905, -30.6941



35.2560, 28.4678, -30.9195

Sweetspot

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



24.5610, -10.6296, 49.4970



82.6820, -4.2802, 19.5729



32.2570, 24.0303, 39.2396



40.0940, -2.5113, 12.1956



181.0000, 0.0000, 0.0000



54.0000, 0.0000, 0.0000

Same Dimension

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



24.5610, -10.6296, 49.4970



31.8510, -13.7305, 64.1517



45.3510, -22.3580, 31.2642



38.1960, -0.5896, 2.4591



70.3940, -30.2672, 141.7285

Inverse Universe

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



24.5610, -10.6296, 49.4970



31.8510, -13.7305, 64.1517



35.6490, 22.3580, -31.2642



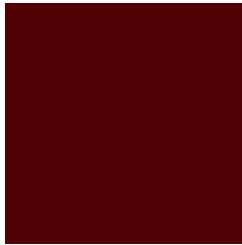
38.1960, -0.5896, 2.4591



70.3940, -30.2672, 141.7285

Previews

White Background



This preview shows how the YUV color 24.5610, -10.6296, 49.4970 looks on a white background.

Color Contrast Check

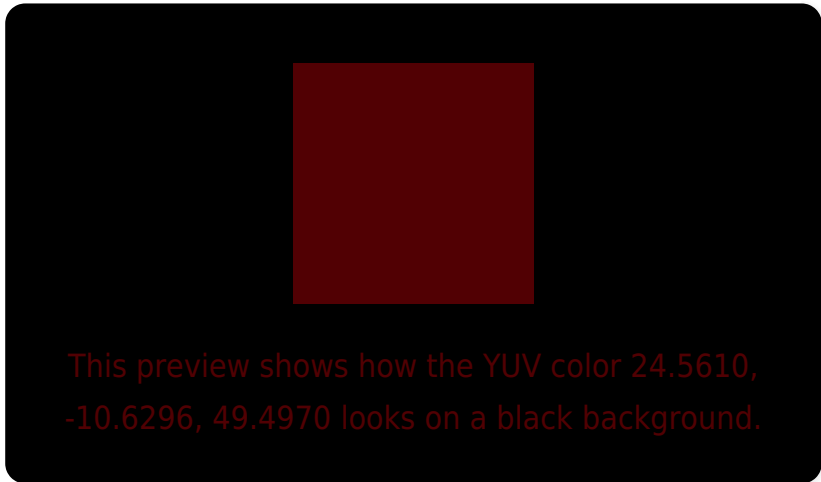
Large Text (above 18pt) WCAG AA ✓ Pass

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

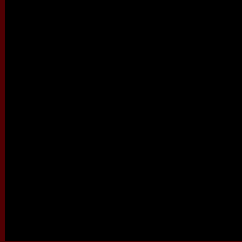
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 24.5610, -10.6296, 49.4970

Background



This preview shows how black text looks on a background with the YUV color 24.5610, -10.6296, 49.4970.

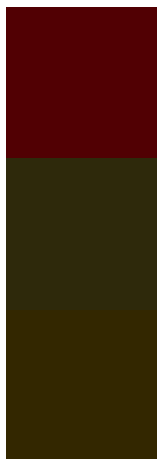


This preview shows how white text looks on a background with the YUV color 24.5610, -10.6296,

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

24.5610, -10.6296, 49.4970

Protanopia

39.0750, -13.8410, 6.0732

Deuteranopia

38.1420, -18.8040, 11.2765



Tritanopia

28.6160, -14.1077, 45.0638

Trichromacy



Original Color

24.5610, -10.6296, 49.4970

Protanomaly

33.8150, -12.7268, 22.0872

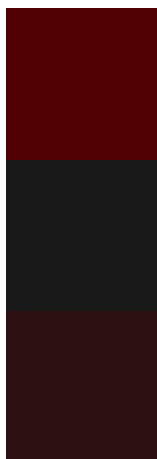
Deuteranomaly

33.3270, -15.9372, 25.1462

Tritanomaly

26.9690, -12.8027, 46.5082

Monochromacy



Original Color

24.5610, -10.6296, 49.4970

Achromatopsia

25.0000, 0.0000, 0.0000

Achromatomaly

24.7850, -3.8380, 17.7286

CSS Examples

Text

The CSS property to change the color of the text to YUV 24.5610, -10.6296, 49.4970 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(81, 0, 3)` looks like.

```
.text, #text, p{  
    color:rgb(81, 0, 3)  
}
```

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(81, 0, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 0, 3) }
```

Border

The CSS property to change the border of an element to YUV 24.5610, -10.6296, 49.4970 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(81, 0, 3) }
```

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

```
.border{ border-color:rgb(81, 0, 3) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 0, 3)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 0, 3); -webkit-box-shadow:4px  
4px 4px 4px rgb(81, 0, 3); box-shadow:4px  
4px 4px 4px rgb(81, 0, 3) }
```

Background

The CSS property to change the background color of an element to YUV 24.5610, -10.6296, 49.4970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 0, 3) }
```

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

```
.background{ background-color: rgb(81, 0,  
3) }
```

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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