

Converting Colors

YUV(25.0210, 11.8216, 35.0616)

Have a look what the booklet for
YUV(25.0210, 11.8216, 35.0616)
contains.

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Color

**YUV(25.0210, 11.8216,
35.0616)**

Conversions

Conversions Part 1

Format	Color
Hex	410031
RGB	65, 0, 49
RGB Percent	25%, 0%, 19%
CMY	0.7451, 1.0000, 0.8078
CMYK	0.00, 1.00, 0.25, 0.75
HSL	315°, 100%, 13%
HSV	315°, 100%, 25%
XYZ	2.7344, 1.3456, 3.0213
YIQ	25.0210, 23.0110, 29.0190

Conversions

Conversions Part 2

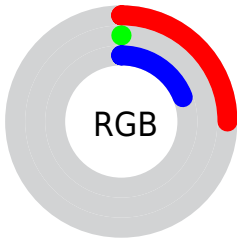
Format	Color
RYB	65, 0, 49
Decimal	4259889
CIELab	11.59, 34.28, -12.98
CIElCh	12, 36.656, 339.262
Yxy	1.3456, 0.3851, 0.1895
Android (android.graphics.Color)	4282449969 (0xFF410031)
YUV	25.0210, 11.8216, 35.0616
Hunter-Lab	11.5999, 21.7767, -7.3229

Details

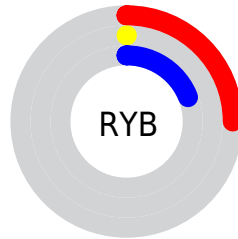
The YUV color **25.0210, 11.8216, 35.0616** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **39.9790, -11.8216, -35.0616**, and the grayscale version is **25.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **75.4510, 9.6377, 35.5615**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **25.0210, 11.8216, 35.0616**, and if you desaturate by 10%, it is **28.7710, 10.9589, 31.7728**.

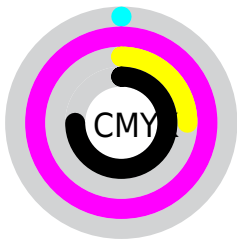
Distribution



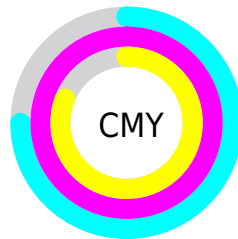
- Red (25%)
- Green (0%)
- Blue (19%)



- Red (25%)
- Yellow (0%)
- Blue (19%)



- Cyan (0%)
- Magenta (100%)
- Yellow (25%)
- Black (75%)




- Cyan (75%)
- Magenta (100%)
- Yellow (81%)


Brightness & Saturation Gradients

These gradients show how the YUV color 25.0210, 11.8216, 35.0616 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 25.0210, 11.8216, 35.0616 by changing the saturation by 10% instead.

 25.0210, 11.8216,
35.0616

 25.0210, 11.8216,
35.0616


 244.4340, 5.2090,
9.2664

 16.3480, 5.7444,
24.2508


 75.4510, 9.6377,
35.5615

 0.0000, 0.0000,
0.0000

 100.7500, 9.4902,
36.1763

 126.4620, 9.6322,
37.3058

 152.4730, 9.6268,
39.0502

 180.1850, 9.7688,
40.1798

 207.8970, 9.9108,

41.3093

■ 227.4110, 13.6014,
24.1956

■ 25.0210, 11.8216,
35.0616

■ 28.7710, 10.9589,
31.7728

■ 32.9940, 9.3700,
28.0693

■ 37.3310, 8.2178,
24.2657

■ 40.9670, 6.9183,
21.0769

■ 45.3040, 5.7661,
17.2734

■ 49.0540, 4.9034,
13.9846

■ 52.6900, 3.6038,
10.7959

■ 57.0270, 2.4517,
6.9923

■ 61.2500, 0.8628,
3.2887

Harmonies

Analogous

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



30.7940, 19.3286, 7.1967



25.0210, 11.8216, 35.0616



24.5630, -0.2776, 42.4792

Triad

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



25.0210, 11.8216, 35.0616



28.6510, -14.1249, 3.8141



31.1350, 15.2164, -27.3054

Complementary

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



25.0210, 11.8216, 35.0616



39.9790, -11.8216, -35.0616

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.



28.9860, 4.4439, -25.4207



25.0210, 11.8216, 35.0616



22.3170, -11.0023, -17.8180

Square

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



25.0210, 11.8216, 35.0616



29.3480, -14.4686, 20.7428



25.0930, -7.9338, -22.0066



31.1980, 23.0734, -27.3606

Rectangle

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



25.0210, 11.8216, 35.0616



21.3430, -10.0291, 43.5492



25.0930, -7.9338, -22.0066



30.3370, 12.1589, -26.6055

Sweetspot

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



25.0210, 11.8216, 35.0616



68.6410, 4.6140, 13.4698



11.8950, 26.1808, 2.7231



33.8530, 3.0305, 8.0219



171.0000, 0.0000, 0.0000



43.0000, 0.0000, 0.0000

Same Dimension

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



25.0210, 11.8216, 35.0616



32.2980, 15.1361, 45.3427



21.3730, -2.1559, 38.2609



31.1250, 0.4314, 1.6444



37.3250, 17.5878, 52.3350



86.2420, 40.7997, 120.8138

Inverse Universe

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



25.0210, 11.8216, 35.0616



32.2980, 15.1361, 45.3427



43.6270, 2.1559, -38.2609



31.1250, 0.4314, 1.6444



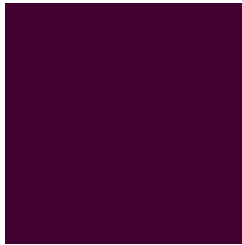
37.3250, 17.5878, 52.3350



86.2420, 40.7997, 120.8138

Previews

White Background



This preview shows how the YUV color 25.0210, 11.8216, 35.0616 looks on a white background.

Color Contrast Check

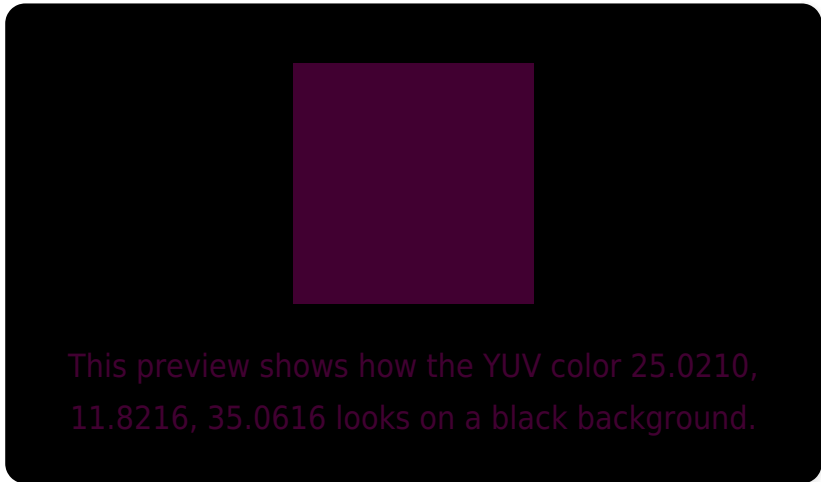
Large Text (above 18pt) WCAG AA ✓ Pass

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

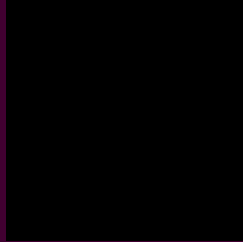
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 25.0210, 11.8216, 35.0616

Background



This preview shows how black text looks on a background with the YUV color 25.0210, 11.8216, 35.0616.



This preview shows how white text looks on a background with the YUV color 25.0210, 11.8216,

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



Protanopia

31.8250, 18.8203, -16.5095

Deuteranopia

35.6560, 5.0996, -2.3293

Tritanopia

32.2700, -6.0491, 26.9502

Trichromacy



Protanomaly

29.5500, 15.9979, 2.1486

Deuteranomaly

31.7270, 7.5296, 11.6404

Tritanomaly

29.7140, 0.6340, 30.0688

Monochromacy



Achromatopsia

25.0000, 0.0000, 0.0000

Achromatomaly

25.2280, 4.3246, 12.9550

CSS Examples

Text

The CSS property to change the color of the text to YUV 25.0210, 11.8216, 35.0616 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(65, 0, 49)` looks like.

```
.text, #text, p{  
    color:rgb(65, 0, 49)  
}
```

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(65, 0, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 0, 49) }
```

Border

The CSS property to change the border of an element to YUV 25.0210, 11.8216, 35.0616 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(65, 0, 49) }
```

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

```
.border{ border-color:rgb(65, 0, 49) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 0, 49)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 0, 49); -webkit-box-shadow:4px  
4px 4px 4px rgb(65, 0, 49); box-shadow:4px  
4px 4px 4px rgb(65, 0, 49) }
```


Background

The CSS property to change the background color of an element to YUV 25.0210, 11.8216, 35.0616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 0, 49) }
```

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

```
.background{ background-color: rgb(65, 0,  
49) }
```

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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