

Converting Colors

YUV(36.0100, 25.1381, 10.5152)

Have a look what the booklet for
YUV(36.0100, 25.1381, 10.5152)
contains.

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Color

**YUV(36.0100, 25.1381,
10.5152)**

Conversions

Conversions Part 1

Format	Color
Hex	301457
RGB	48, 20, 87
RGB Percent	19%, 8%, 34%
CMY	0.8118, 0.9216, 0.6588
CMYK	0.45, 0.77, 0.00, 0.66
HSL	265°, 63%, 21%
HSV	265°, 77%, 34%
XYZ	3.1894, 1.8168, 9.1994
YIQ	36.0100, -4.8190, 26.7730

Conversions

Conversions Part 2

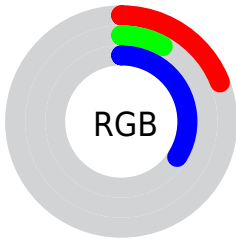
Format	Color
RYB	48, 20, 87
Decimal	3150935
CIELab	14.49, 29.83, -35.18
CIElCh	14, 46.125, 310.292
Yxy	1.8168, 0.2245, 0.1279
Android (android.graphics.Color)	4281341015 (0xFF301457)
YUV	36.0100, 25.1381, 10.5152
Hunter-Lab	13.4789, 18.6486, -31.0304

Details

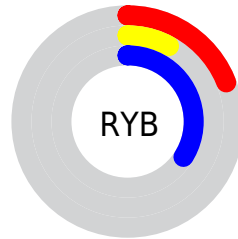
The YUV color **36.0100, 25.1381, 10.5152** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **70.9900, -25.1381, -10.5152**, and the grayscale version is **36.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **83.1890, 27.0218, 12.9892**, and **4.6740, 17.9087, -4.0991** is the 20% darker color. If you saturate the color by 10%, you get **29.2320, 28.4796, 12.0745**, and if you desaturate by 10%, it is **42.7880, 21.7965, 8.9559**.

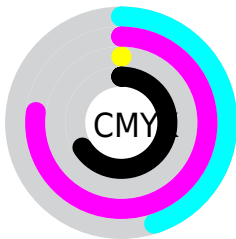
Distribution



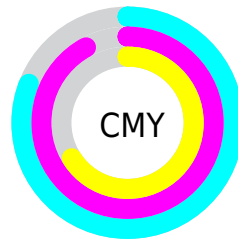
- Red (19%)
- Green (8%)
- Blue (34%)



- Red (19%)
- Yellow (8%)
- Blue (34%)



- Cyan (45%)
- Magenta (77%)
- Yellow (0%)
- Black (66%)



- Cyan (81%)
- Magenta (92%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YUV color 36.0100, 25.1381, 10.5152 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 36.0100, 25.1381, 10.5152 by changing the saturation by 10% instead.

36.0100, 25.1381,
10.5152

36.0100, 25.1381,
10.5152

252.6520, 1.1576,
2.0592

14.3580, 23.9805,
8.4560

83.1890, 27.0218,
12.9892

4.6740, 17.9087,
-4.0991

108.0150, 27.6006,
14.0188

2.6390, 7.5730,
-2.3144

133.8410, 28.1794,
15.0484

0.0000, 0.0000,
0.0000

160.3680, 28.9056,
15.4633

187.8950, 29.6318,
15.8781

213.2130, 20.6010,

19.1072

235.6290, 9.5499,
16.9884

36.0100, 25.1381,
10.5152

36.0100, 25.1381,
10.5152

29.2320, 28.4796,
12.0745

42.7880, 21.7965,
8.9559

23.0410, 31.5318,
13.1190

48.9790, 18.7444,
7.9114

20.6820, 32.6948,
13.4339

55.7570, 15.4028,
6.3521

62.5350, 12.0612,
4.7928

68.7260, 9.0091,
3.7483

■ 75.5040, 5.6675,
2.1890

■ 82.2820, 2.3260,
0.6297

■ 89.3590, -1.1630,
-0.3148

■ 95.5500, -4.2151,
-1.3593

Harmonies

Analogous

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



33.9340, 33.5565, -29.7601



36.0100, 25.1381, 10.5152



30.9450, 13.8311, 43.8982

Triad

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



36.0100, 25.1381, 10.5152



34.6860, -17.1002, 24.8314



34.7080, 6.0600, -30.4389

Complementary

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



36.0100, 25.1381, 10.5152



70.9900, -25.1381, -10.5152

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.



29.5440, -8.6492, -25.9101



36.0100, 25.1381, 10.5152



33.9560, -16.7403, 2.6696

Square

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



36.0100, 25.1381, 10.5152



24.8170, -12.2348, 51.0265



26.4150, -13.0226, -23.1660



37.6550, 19.8901, -33.0234

Rectangle

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



36.0100, 25.1381, 10.5152



30.9430, 3.4791, 50.9160



26.4150, -13.0226, -23.1660



32.8670, 1.5446, -28.8244

Sweetspot

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



36.0100, 25.1381, 10.5152



92.2530, 9.7353, 4.1631



50.5310, 17.9792, -26.7757



43.9170, 5.9569, 2.7038



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000

Same Dimension

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



36.0100, 25.1381, 10.5152



33.5990, 38.6517, 16.1377



45.8770, 20.2736, 30.8029



40.0540, 1.4524, 0.8296



25.6530, 40.1041, 16.9673



56.0920, 88.2016, 36.7533

Inverse Universe

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



44.4790, 7.1589, 37.2909



46.6370, 11.0250, 57.3234



61.1230, -20.2736, -30.8029



40.5380, 0.7208, 2.1592



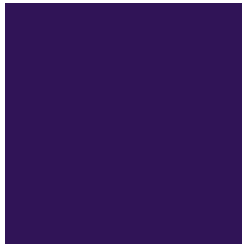
39.0610, 11.3089, 59.5825



85.8830, 25.2007, 130.7756

Previews

White Background



This preview shows how the YUV color 36.0100, 25.1381, 10.5152 looks on a white background.

Color Contrast Check

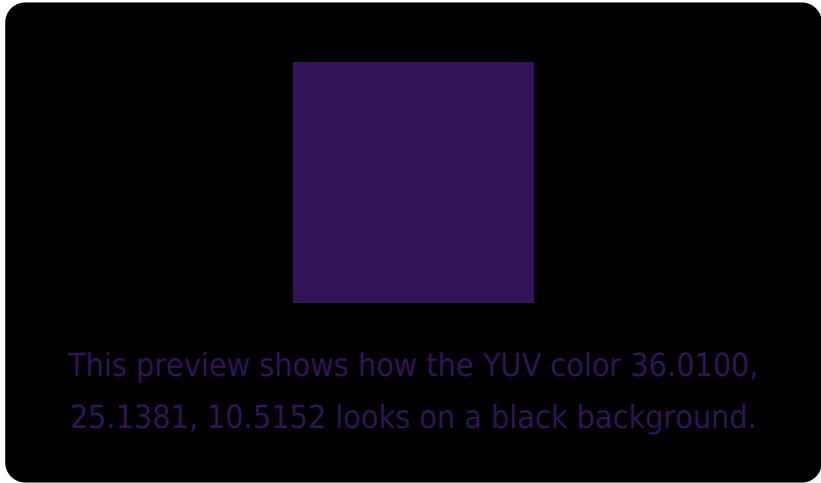
Large Text (above 18pt) WCAG AA ✓ Pass

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

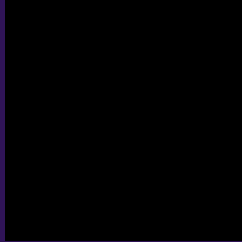
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 36.0100, 25.1381, 10.5152

Background



This preview shows how black text looks on a background with the YUV color 36.0100, 25.1381, 10.5152.



This preview shows how white text looks on a background with the YUV color 36.0100, 25.1381,

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

36.0100, 25.1381, 10.5152

Protanopia

30.4970, 22.9260, -26.7459

Deuteranopia

30.4170, 17.5424, -26.6757



Tritanopia

38.0430, 1.4578, -0.9147

Trichromacy



Original Color

36.0100, 25.1381, 10.5152

Protanomaly

32.5140, 23.9036, -13.6058

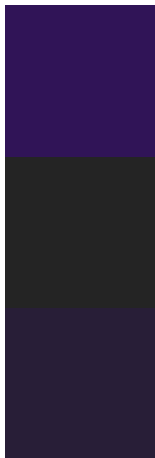
Deuteranomaly

32.3030, 20.5566, -13.4207

Tritanomaly

37.0680, 10.3195, 3.4484

Monochromacy



Original Color

36.0100, 25.1381, 10.5152

Achromatopsia

36.0000, 0.0000, 0.0000

Achromatomaly

35.8400, 9.4459, 3.6483

CSS Examples

Text

The CSS property to change the color of the text to YUV 36.0100, 25.1381, 10.5152 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(48, 20, 87)` looks like.

```
.text, #text, p{  
    color:rgb(48, 20, 87)  
}
```

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(48, 20, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 20, 87) }
```

Border

The CSS property to change the border of an element to YUV 36.0100, 25.1381, 10.5152 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(48, 20, 87) }
```


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

```
.border{ border-color:rgb(48, 20, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(48, 20, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 20, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 20, 87);  
box-shadow:4px 4px 4px 4px rgb(48, 20, 87)  
}
```

Background

The CSS property to change the background color of an element to YUV 36.0100, 25.1381, 10.5152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 20, 87) }
```

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

```
.background{ background-color: rgb(48, 20,  
87) }
```

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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