

Converting Colors

YUV(25.6100, 38.6463, 17.8820)

Have a look what the booklet for
YUV(25.6100, 38.6463, 17.8820)
contains.

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Color

**YUV(25.6100, 38.6463,
17.8820)**

Conversions

Conversions Part 1

Format	Color
Hex	2E0068
RGB	46, 0, 104
RGB Percent	18%, 0%, 41%
CMY	0.8196, 1.0000, 0.5922
CMYK	0.56, 1.00, 0.00, 0.59
HSL	267°, 100%, 20%
HSV	267°, 100%, 41%
XYZ	3.6254, 1.5803, 13.2107
YIQ	25.6100, -5.9680, 42.0960

Conversions

Conversions Part 2

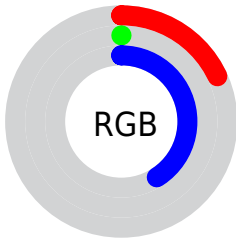
Format	Color
R_{YB}	46, 0, 104
Decimal	3014760
CIE _{Lab}	13.11, 42.84, -48.82
CIE _{LCh}	13, 64.950, 311.264
Yxy	1.5803, 0.1969, 0.0858
Android (android.graphics.Color)	4281204840 (0xFF2E0068)
YUV	25.6100, 38.6463, 17.8820
Hunter-Lab	12.5711, 29.4787, -53.5068

Details

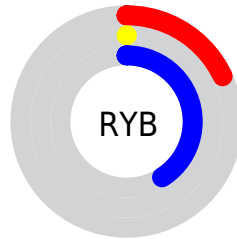
The YUV color **25.6100, 38.6463, 17.8820** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **78.3900, -38.6463, -17.8820**, and the grayscale version is **25.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **78.2080, 38.3515, 19.1116**, and **6.2700, 24.0239, -5.4988** is the 20% darker color. If you saturate the color by 10%, you get **25.6100, 38.6463, 17.8820**, and if you desaturate by 10%, it is **33.2740, 34.8679, 16.4227**.

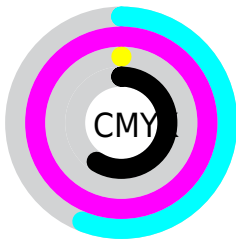
Distribution



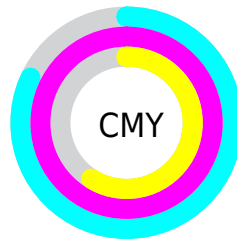
- Red (18%)
- Green (0%)
- Blue (41%)



- Red (18%)
- Yellow (0%)
- Blue (41%)



- Cyan (56%)
- Magenta (100%)
- Yellow (0%)
- Black (59%)



- Cyan (82%)
- Magenta (100%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YUV color 25.6100, 38.6463, 17.8820 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 25.6100, 38.6463, 17.8820 by changing the saturation by 10% instead.

■ 25.6100, 38.6463,
17.8820

■ 25.6100, 38.6463,
17.8820

■ 245.0210, 4.9196,
8.7516

■ 14.3880, 31.8537,
3.1677

■ 78.2080, 38.3515,
19.1116

■ 6.2700, 24.0239,
-5.4988

■ 104.1480, 39.3670,
20.0412

■ 4.9360, 13.8356,
-4.3289

■ 130.3870, 40.2352,
21.5856

■ 0.6840, 2.6208,
-0.5999

■ 157.2130, 40.8140,
22.6152

■ 0.0000, 0.0000,
0.0000

■ 182.8560, 35.5670,
25.5593

■ 207.3760, 23.4786,

29.4882

■ 227.9980, 13.3120,
23.6808

■ 25.6100, 38.6463,
17.8820

■ 33.2740, 34.8679,
16.4227

■ 41.5250, 30.8002,
14.4486

■ 48.8900, 27.1692,
12.3745

■ 57.1410, 23.1015,
10.4003

■ 64.8050, 19.3231,
8.9410

■ 72.4690, 15.5448,
7.4817

■ 80.7200, 11.4770,
5.5076

■ 88.0850, 7.8461,
3.4335

■ 96.3360, 3.7784,
1.4593

Harmonies

Analogous

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



36.0830, 44.3291, -31.6448



25.6100, 38.6463, 17.8820



35.4020, 14.0988, 51.3904

Triad

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



25.6100, 38.6463, 17.8820



30.5880, -15.0799, 30.1793



34.5770, 8.0965, -30.3240

Complementary

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



25.6100, 38.6463, 17.8820



78.3900, -38.6463, -17.8820

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.



28.1760, -13.8908, -24.7104



25.6100, 38.6463, 17.8820



30.3790, -14.9768, -2.9634

Square

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



25.6100, 38.6463, 17.8820



27.5080, -13.5614, 56.5595



26.4150, -13.0226, -23.1660



40.0660, 26.5895, -35.1379

Rectangle

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



25.6100, 38.6463, 17.8820



34.9720, -0.4792, 60.5376



26.4150, -13.0226, -23.1660



32.7530, 1.1078, -28.7244

Sweetspot

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



25.6100, 38.6463, 17.8820



104.9420, 14.8186, 7.0669



46.4890, 28.3529, -40.7709



50.1390, 9.2985, 4.2631



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



25.6100, 38.6463, 17.8820



33.3300, 50.1233, 23.3896



40.8590, 31.1285, 49.2357



47.1680, 1.8892, 0.7297



28.3590, 42.7140, 19.8562



59.5810, 89.9326, 41.5865

Inverse Universe

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



37.7080, 10.0040, 58.1381



48.9150, 12.8599, 75.4965



63.1410, -31.1285, -49.2357



47.8370, 0.5734, 2.7740



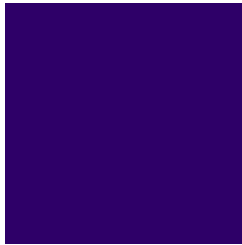
41.6810, 11.0033, 64.3008



87.7480, 23.2952, 135.2790

Previews

White Background



This preview shows how the YUV color 25.6100, 38.6463, 17.8820 looks on a white background.

Color Contrast Check

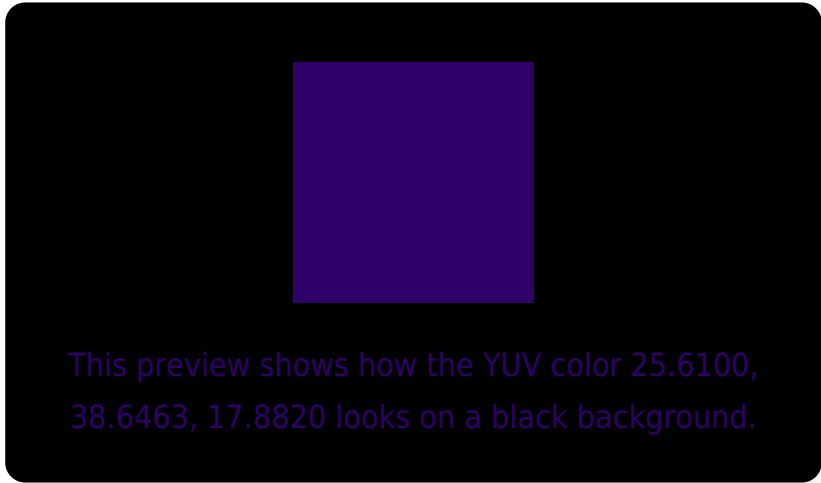
Large Text (above 18pt) WCAG AA ✓ Pass

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

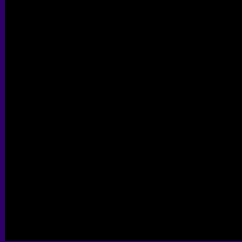
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 25.6100, 38.6463, 17.8820

Background



This preview shows how black text looks on a background with the YUV color 25.6100, 38.6463, 17.8820.



This preview shows how white text looks on a background with the YUV color 25.6100, 38.6463,

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

30.4970, 22.9260, -26.7459

Deuteranopia

30.4170, 17.5424, -26.6757

Tritanopia

35.6720, 4.1057, -10.2363

Trichromacy



Protanomaly

29.0890, 28.5501, -10.6021

Deuteranomaly

28.8780, 25.2031, -10.4170

Tritanomaly

31.7670, 16.8769, 0.2043

Monochromacy



Achromatopsia

26.0000, 0.0000, 0.0000

Achromatomaly

26.0020, 13.8030, 6.1372

CSS Examples

Text

The CSS property to change the color of the text to YUV 25.6100, 38.6463, 17.8820 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(46, 0, 104)` looks like.

```
.text, #text, p{  
    color:rgb(46, 0, 104)  
}
```

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(46, 0, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 0, 104) }
```

Border

The CSS property to change the border of an element to YUV 25.6100, 38.6463, 17.8820 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(46, 0, 104) }
```

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

```
.border{ border-color:rgb(46, 0, 104) }
```

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

Here you see how a box with a 4 pixel rgb(46, 0, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 0, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 0, 104);  
box-shadow:4px 4px 4px 4px rgb(46, 0, 104)  
}
```


Background

The CSS property to change the background color of an element to YUV 25.6100, 38.6463, 17.8820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 0, 104) }
```

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

```
.background{ background-color: rgb(46, 0,  
104) }
```

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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