

Converting Colors

YUV(46.4040, 27.4088,
-17.8943)

Have a look what the booklet for
YUV(46.4040, 27.4088, -17.8943)
contains.

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Color

**YUV(46.4040, 27.4088,
-17.8943)**

Conversions

Conversions Part 1

Format	Color
Hex	1A2E66
RGB	26, 46, 102
RGB Percent	10%, 18%, 40%
CMY	0.8980, 0.8196, 0.6000
CMYK	0.75, 0.55, 0.00, 0.60
HSL	224°, 59%, 25%
HSV	224°, 75%, 40%
XYZ	3.8013, 3.1329, 12.9747
YIQ	46.4040, -29.8960, 13.1760

Conversions

Conversions Part 2

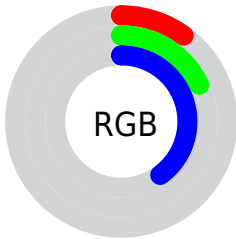
Format	Color
R_{YB}	26, 42, 102
Decimal	1715814
CIE _{Lab}	20.57, 13.37, -35.37
CIE _{LCh}	21, 37.810, 290.701
Yxy	3.1329, 0.1909, 0.1574
Android (android.graphics.Color)	4279905894 (0xFF1A2E66)
YUV	46.4040, 27.4088, -17.8943
Hunter-Lab	17.7000, 7.3597, -31.0716

Details

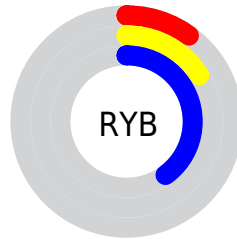
The YUV color **46.4040, 27.4088, -17.8943** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **81.5960, -27.4088, 17.8943**, and the grayscale version is **46.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **95.1920, 28.9923, -12.4464**, and **6.2700, 24.0239, -5.4988** is the 20% darker color. If you saturate the color by 10%, you get **38.7180, 31.1980, -19.9237**, and if you desaturate by 10%, it is **54.0900, 23.6196, -15.8649**.

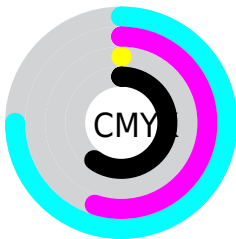
Distribution



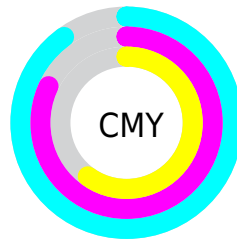
- Red (10%)
- Green (18%)
- Blue (40%)



- Red (10%)
- Yellow (16%)
- Blue (40%)



- Cyan (75%)
- Magenta (55%)
- Yellow (0%)
- Black (60%)



- Cyan (90%)
- Magenta (82%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 46.4040, 27.4088, -17.8943 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 46.4040, 27.4088, -17.8943 by changing the saturation by 10% instead.

■ 46.4040, 27.4088,
-17.8943

■ 46.4040, 27.4088,
-17.8943

■ 255.0000, 0.0000,
0.0000

■ 24.1540, 26.5461,
-21.1831

■ 95.1920, 28.9923,
-12.4464

■ 6.2700, 24.0239,
-5.4988

■ 120.7190, 29.7185,
-12.0316

■ 4.8220, 13.3988,
-4.2289

■ 146.5450, 30.2973,
-11.0020

■ 0.5700, 2.1840,
-0.4999

■ 173.7730, 31.1709,
-11.2019

■ 0.0000, 0.0000,
0.0000

■ 200.0460, 27.0923,
-9.6873

■ 224.8540, 14.8620,

-6.8880

250.2600, 2.3368,
-2.8590

46.4040, 27.4088,
-17.8943

46.4040, 27.4088,
-17.8943

38.7180, 31.1980,
-19.9237

54.0900, 23.6196,
-15.8649

31.6190, 34.6978,
-22.4679

61.1890, 20.1198,
-13.3208

27.4770, 36.7398,
-24.0973

69.1740, 16.1832,
-10.6766

76.2730, 12.6834,
-8.1324

83.9590, 8.8942,
-6.1030

■ 91.0580, 5.3944,
-3.5589

■ 98.7440, 1.6052,
-1.5295

■ 106.1420, -2.0420,
1.6295

■ 113.8280, -5.8312,
3.6588

Harmonies

Analogous

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



44.2550, 29.9473, -38.8116



46.4040, 27.4088, -17.8943



50.6000, 16.9592, 20.5218

Triad

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



46.4040, 27.4088, -17.8943



45.9110, -21.6481, 36.9121



40.3670, -0.1809, -35.4019

Complementary

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



46.4040, 27.4088, -17.8943



81.5960, -27.4088, 17.8943

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.



35.7730, -12.7061, -31.3729



46.4040, 27.4088, -17.8943



47.0460, -23.1937, 19.2537

Square

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



46.4040, 27.4088, -17.8943



43.8040, -5.8194, 46.6529



45.1530, -22.2604, -0.1342



44.1460, 11.7600, -38.7160

Rectangle

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



46.4040, 27.4088, -17.8943



47.3910, 10.6532, 36.4911



45.1530, -22.2604, -0.1342



39.2270, -4.5489, -34.4021

Sweetspot

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



46.4040, 27.4088, -17.8943



111.1160, 10.7888, -7.1177



76.9960, 2.4670, -44.7235



53.8730, 5.9786, -4.2736



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



46.4040, 27.4088, -17.8943



46.6490, 42.5710, -27.7562



40.0460, 30.5433, 3.4677



47.1570, 1.8946, -1.0147



30.7200, 41.5500, -26.9414



65.1560, 87.1841, -57.1418

Inverse Universe

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



51.0040, -2.4670, 44.7235



53.8160, -3.8533, 69.4444



87.9540, -30.5433, -3.4677



47.6090, -0.3002, 2.9739



37.8050, -3.8479, 67.7000



79.6540, -7.7174, 142.3774

Previews

White Background



This preview shows how the YUV color 46.4040, 27.4088, -17.8943 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



This preview shows how the YUV color 46.4040, 27.4088, -17.8943 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

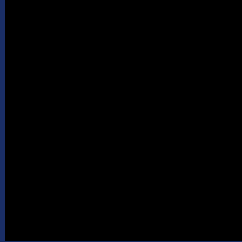
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 46.4040, 27.4088, -17.8943

Background



This preview shows how black text looks on a background with the YUV color 46.4040, 27.4088, -17.8943.



This preview shows how white text looks on a background with the YUV color 46.4040, 27.4088, -17.8943.

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

46.4040, 27.4088, -17.8943

Protanopia

39.8040, 30.6626, -34.9081

Deuteranopia

39.9690, 23.6793, -35.0528



Tritanopia

39.0110, 9.8546, -34.2126

Trichromacy



Original Color

46.4040, 27.4088, -17.8943

Protanomaly

41.9080, 29.6254, -28.8603

Deuteranomaly

42.0560, 25.1154, -28.9901

Tritanomaly

41.7650, 16.3849, -28.7349

Monochromacy



Original Color

46.4040, 27.4088, -17.8943

Achromatopsia

46.0000, 0.0000, 0.0000

Achromatomaly

46.1870, 9.7678, -6.3030

CSS Examples

Text

The CSS property to change the color of the text to YUV 46.4040, 27.4088, -17.8943 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(26, 46, 102)` looks like.

```
.text, #text, p{  
    color:rgb(26, 46, 102)  
}
```

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(26, 46, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 46, 102) }
```

Border

The CSS property to change the border of an element to YUV 46.4040, 27.4088, -17.8943 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(26, 46, 102) }
```


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

```
.border{ border-color:rgb(26, 46, 102) }
```

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

Here you see how a box with a 4 pixel rgb(26, 46, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 46, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 46, 102);  
box-shadow:4px 4px 4px 4px rgb(26, 46,  
102) }
```

Background

The CSS property to change the background color of an element to YUV 46.4040, 27.4088, -17.8943 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 46, 102) }
```

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

```
.background{ background-color: rgb(26, 46,  
102) }
```

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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