

# Converting Colors

YUV(47.6120, 18.4323,  
-32.1087)

Have a look what the booklet for  
YUV(47.6120, 18.4323, -32.1087)  
contains.

<b>YUV(47.6120, 18.4323, -32.1087)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(47.6120, 18.4323,  
-32.1087)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0B3B55
RGB	11, 59, 85
RGB Percent	4%, 23%, 33%
CMY	0.9569, 0.7686, 0.6667
CMYK	0.87, 0.31, 0.00, 0.67
HSL	201°, 77%, 19%
HSV	201°, 87%, 33%
XYZ	3.3417, 3.8550, 9.1623
YIQ	47.6120, -36.9540, -2.0900

# Conversions

## Conversions Part 2

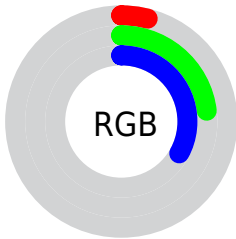
Format	Color
<b>R<sub>YB</sub></b>	11, 40, 85
Decimal	736085
CIE Lab	23.19, -5.11, -20.08
CIE LCh	23, 20.719, 255.733
Yxy	3.8550, 0.2043, 0.2356
Android (android.graphics.Color)	4278926165 (0xFF0B3B55)
YUV	47.6120, 18.4323, -32.1087
Hunter-Lab	19.6340, -3.9793, -13.9240

# Details

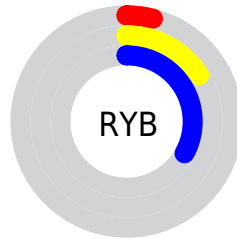
The YUV color **47.6120, 18.4323, -32.1087** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **48.3880, -18.4323, 32.1087**, and the grayscale version is **47.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **97.9440, 18.2686, -26.2609**, and **14.5390, 12.5523, -12.7507** is the 20% darker color. If you saturate the color by 10%, you get **43.4590, 20.4797, -35.4825**, and if you desaturate by 10%, it is **52.0640, 16.2374, -28.1201**.

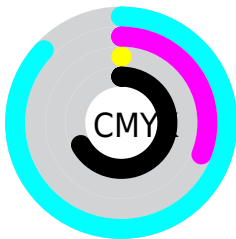
# Distribution



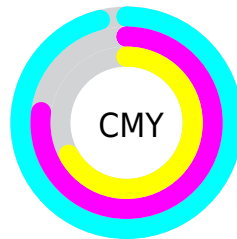
- Red (4%)
- Green (23%)
- Blue (33%)



- Red (4%)
- Yellow (16%)
- Blue (33%)



- Cyan (87%)
- Magenta (31%)
- Yellow (0%)
- Black (67%)



- Cyan (96%)
- Magenta (77%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 47.6120, 18.4323, -32.1087 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 47.6120, 18.4323, -32.1087 by changing the saturation by 10% instead.



■ 47.6120, 18.4323,  
-32.1087

■ 47.6120, 18.4323,  
-32.1087

■ 255.0000, 0.0000,  
0.0000

■ 28.7870, 16.3740,  
-25.2462

■ 97.9440, 18.2686,  
-26.2609

■ 14.5390, 12.5523,  
-12.7507

■ 123.0580, 18.7054,  
-26.3609

■ 2.6390, 7.5730,  
-2.3144

■ 149.4710, 18.9948,  
-25.8461

■ 0.0000, 0.0000,  
0.0000

■ 176.5850, 19.4316,  
-25.9460

■ 204.2860, 19.5790,  
-26.5608

■ 230.3480, 12.1534,

-24.8612

■ 247.8240, 3.5378,  
-14.7546

■ 47.6120, 18.4323,  
-32.1087

■ 47.6120, 18.4323,  
-32.1087

■ 43.4590, 20.4797,  
-35.4825

■ 52.0640, 16.2374,  
-28.1201

■ 41.9750, 21.2113,  
-36.8121

■ 56.2170, 14.1900,  
-24.7463

■ 60.6690, 11.9952,  
-20.7577

■ 64.8220, 9.9478,  
-17.3839

■ 68.9750, 7.9003,  
-14.0101

■ 73.4270, 5.7055,  
-10.0215

■ 77.8790, 3.5107,  
-6.0329

■ 82.0320, 1.4632,  
-2.6591

■ 86.1850, -0.5842,  
0.7148

# Harmonies

## Analogous

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



45.1720, 15.6912, -39.6158



47.6120, 18.4323, -32.1087



54.8430, 14.8674, -8.6323

# Triad

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



47.6120, 18.4323, -32.1087



56.1280, -4.0071, 25.3207



51.2300, -8.9874, -10.7257

# Complementary

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



47.6120, 18.4323, -32.1087



48.3880, -18.4323, 32.1087

# 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.



53.3520, -13.9775, 3.1993



47.6120, 18.4323, -32.1087



55.0970, -10.4008, 22.7169

# Square

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



47.6120, 18.4323, -32.1087



56.9300, 2.9925, 20.2324



54.6030, -14.5943, 14.3802



47.4220, -0.2080, -26.6801



# Rectangle

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



47.6120, 18.4323, -32.1087



56.7090, 11.4825, 3.7632



54.6030, -14.5943, 14.3802



52.2800, -11.4770, -5.5076

# Sweetspot

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



47.6120, 18.4323, -32.1087



95.4590, 7.1687, -12.6805



57.4020, -10.0582, -40.6946



47.3950, 4.2423, -7.3624



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.



47.6120, 18.4323, -32.1087



54.2170, 27.5010, -47.5483



25.8930, 29.1398, -13.0612



41.2170, 0.8790, -1.9443



52.7010, 26.7694, -46.2188



116.0140, 58.6601, -101.7443



# Inverse Universe

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



38.5980, 10.0582, 40.6946



40.9840, 14.7979, 60.5270



70.1070, -29.1398, 13.0612



40.5380, 0.7208, 2.1592



39.8590, 14.3665, 58.8827



87.5930, 31.7527, 129.2759



# Previews

## White Background



This preview shows how the YUV color 47.6120, 18.4323, -32.1087 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 47.6120, 18.4323, -32.1087 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

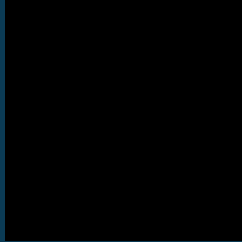
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 47.6120, 18.4323, -32.1087

## Background



This preview shows how black text looks on a background with the YUV color 47.6120, 18.4323, -32.1087.



This preview shows how white text looks on a background with the YUV color 47.6120, 18.4323,



# 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

47.6120, 18.4323, -32.1087

### Protanopia

55.5720, 12.5360, -7.5176

### Deuteranopia

54.0490, 15.7518, -12.3210



## Tritanopia

43.9180, 10.8864, -38.5161

# Trichromacy



## Original Color

47.6120, 18.4323, -32.1087

## Protanomaly

52.3860, 14.5997, -16.1245

## Deuteranomaly

51.3470, 17.0839, -19.5983

## Tritanomaly

45.3250, 13.6438, -36.2420

# Monochromacy



## Original Color

47.6120, 18.4323, -32.1087

## Achromatopsia

48.0000, 0.0000, 0.0000

## Achromatomaly

47.9430, 6.4371, -11.3510

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 47.6120, 18.4323, -32.1087 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(11, 59, 85)` looks like.

```
.text, #text, p{  
    color:rgb(11, 59, 85)  
}
```

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(11, 59, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(11, 59, 85) }
```

## Border

The CSS property to change the border of an element to YUV 47.6120, 18.4323, -32.1087 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(11, 59, 85) }
```



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

```
.border{ border-color:rgb(11, 59, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(11, 59, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(11, 59, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(11, 59, 85);  
box-shadow:4px 4px 4px 4px rgb(11, 59, 85)  
}
```

# Background

The CSS property to change the background color of an element to YUV 47.6120, 18.4323, -32.1087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(11, 59, 85) }
```

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

```
.background{ background-color: rgb(11, 59,  
85) }
```

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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