

# Converting Colors

YUV(73.8120, 45.4487,  
-17.3751)

Have a look what the booklet for  
YUV(73.8120, 45.4487, -17.3751)  
contains.

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# Color

**YUV(73.8120, 45.4487,  
-17.3751)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3642A6
RGB	54, 66, 166
RGB Percent	21%, 26%, 65%
CMY	0.7882, 0.7412, 0.3490
CMYK	0.67, 0.60, 0.00, 0.35
HSL	234°, 51%, 43%
HSV	234°, 67%, 65%
XYZ	10.3525, 7.4339, 36.9656
YIQ	73.8120, -39.2520, 28.5560

# Conversions

## Conversions Part 2

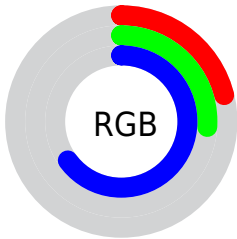
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	54, 65, 166
Decimal	3556006
CIE <sub>Lab</sub>	32.77, 28.55, -55.43
CIE <sub>LCh</sub>	33, 62.347, 297.250
Yxy	7.4339, 0.1891, 0.1358
Android (android.graphics.Color)	4281746086 (0xFF3642A6)
YUV	73.8120, 45.4487, -17.3751
Hunter-Lab	27.2651, 20.0618, -61.2989

# Details

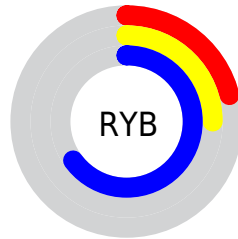
The YUV color **73.8120, 45.4487, -17.3751** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **146.1880, -45.4487, 17.3751**, and the grayscale version is **73.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **126.3120, 47.1742, -10.7976**, and **26.9700, 42.4128, -23.6527** is the 20% darker color. If you saturate the color by 10%, you get **59.9240, 52.2955, -20.1043**, and if you desaturate by 10%, it is **87.7000, 38.6019, -14.6459**.

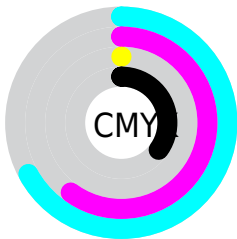
# Distribution



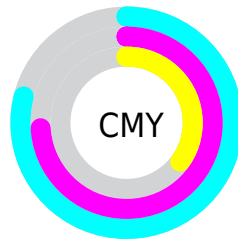
- Red (21%)
- Green (26%)
- Blue (65%)



- Red (21%)
- Yellow (25%)
- Blue (65%)



- Cyan (67%)
- Magenta (60%)
- Yellow (0%)
- Black (35%)



- Cyan (79%)
- Magenta (74%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 73.8120, 45.4487, -17.3751 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 73.8120, 45.4487, -17.3751 by changing the saturation by 10% instead.



■ 73.8120, 45.4487,  
-17.3751

■ 73.8120, 45.4487,  
-17.3751

■ 255.0000, 0.0000,  
0.0000

■ 44.6640, 46.5076,  
-30.4003

■ 126.3120, 47.1742,  
-10.7976

■ 26.9700, 42.4128,  
-23.6527

■ 152.9640, 48.3317,  
-8.7384

■ 10.0320, 38.4382,  
-8.7981

■ 177.6410, 38.1380,  
-5.8242

■ 11.4050, 25.9293,  
-10.0022

■ 202.1610, 26.0496,  
-1.8952

■ 6.4350, 17.0405,  
-5.6435

■ 227.5670, 13.5245,  
2.1337

■ 2.6390, 7.5730,  
-2.3144

■ 251.4780, 1.7363,

■ 0.0000, 0.0000,

3.0888

0.0000

■ 73.8120, 45.4487,  
-17.3751

■ 73.8120, 45.4487,  
-17.3751

■ 59.9240, 52.2955,  
-20.1043

■ 87.7000, 38.6019,  
-14.6459

■ 46.3350, 58.9948,  
-22.2188

■ 101.2890, 31.9025,  
-12.5315

■ 33.0340, 65.5522,  
-25.4628

■ 114.5900, 25.3451,  
-9.2874

■ 29.4900, 67.2994,  
-25.8627

■ 128.1790, 18.6458,  
-7.1730

■ 142.0670, 11.7990,  
-4.4438

■ 155.9550, 4.9522,  
-1.7145

■ 169.5440, -1.7472,  
0.3999

■ 183.4320, -8.5940,  
3.1291

■ 196.4340,  
-15.0040, 5.7584

# Harmonies

## Analogous

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



70.0730, 52.7150, -61.4540



73.8120, 45.4487, -17.3751



72.8760, 28.6551, 49.2207

# Triad

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



73.8120, 45.4487, -17.3751



70.3020, -34.6589, 56.7401



65.0330, 2.9417, -57.0339

# Complementary

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



73.8120, 45.4487, -17.3751



146.1880, -45.4487, 17.3751

# 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.



56.8880, -20.6508, -49.8908



73.8120, 45.4487, -17.3751



73.0390, -36.0082, 22.7678

# Square

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



73.8120, 45.4487, -17.3751



55.7430, -9.7333, 88.8024



66.3180, -32.6948, -13.4339



70.7330, 24.7816, -62.0328



# Rectangle

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



73.8120, 45.4487, -17.3751



56.8480, 21.2739, 83.4483



66.3180, -32.6948, -13.4339



62.5080, -4.1944, -54.8195

# Sweetspot

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



73.8120, 45.4487, -17.3751



180.9510, 17.7722, -6.9730



131.0300, 10.8312, -67.5553



87.8390, 10.9254, -4.2438



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000



# Same Dimension

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



73.8120, 45.4487, -17.3751



72.2170, 71.3780, -27.3773



79.6250, 42.5829, 15.2379



77.4990, 3.2050, -1.3146



26.2640, 60.0158, -23.0335



3.4540, 8.1572, -3.0292



# Inverse Universe

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



88.8560, -11.2680, 67.6553



95.7900, -17.6445, 106.3012



140.3750, -42.5829, -15.2379



78.5060, -0.7425, 4.8182



46.0760, -14.8275, 89.3873

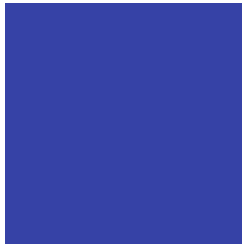


6.2080, -2.0745, 12.0956



# Previews

## White Background



This preview shows how the YUV color 73.8120, 45.4487, -17.3751 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 73.8120, 45.4487, -17.3751 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

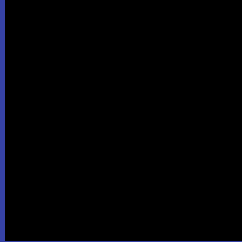
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 73.8120, 45.4487, -17.3751

## Background



This preview shows how black text looks on a background with the YUV color 73.8120, 45.4487, -17.3751.



This preview shows how white text looks on a background with the YUV color 73.8120, 45.4487, -17.3751.



# 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

73.8120, 45.4487, -17.3751

### Protanopia

61.3360, 47.1624, -53.7917

### Deuteranopia

61.7630, 36.1058, -54.1662

# Trichromacy



## Original Color

73.8120, 45.4487, -17.3751

## Protanomaly

65.8970, 46.3928, -40.2517

## Deuteranomaly

66.0620, 39.4094, -40.3964

# Monochromacy



## Original Color

73.8120, 45.4487, -17.3751

## Achromatopsia

74.0000, 0.0000, 0.0000

## Achromatomaly

73.9080, 16.3144, -6.0583

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 73.8120, 45.4487, -17.3751 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(54, 66, 166)` looks like.

```
.text, #text, p{  
    color:rgb(54, 66, 166)  
}
```

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(54, 66, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 66, 166) }
```

## Border

The CSS property to change the border of an element to YUV 73.8120, 45.4487, -17.3751 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(54, 66, 166) }
```

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

```
.border{ border-color:rgb(54, 66, 166) }
```

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

Here you see how a box with a 4 pixel rgb(54, 66, 166) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 66, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 66, 166);  
box-shadow:4px 4px 4px 4px rgb(54, 66,  
166) }
```



# Background

The CSS property to change the background color of an element to YUV 73.8120, 45.4487, -17.3751 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 66, 166) }
```

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

```
.background{ background-color: rgb(54, 66,  
166) }
```

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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