

# Converting Colors

YUV(20.1360, 7.3280, 29.6987)

Have a look what the booklet for  
YUV(20.1360, 7.3280, 29.6987)  
contains.

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# Color

**YUV(20.1360, 7.3280,  
29.6987)**

# Conversions

## Conversions Part 1

Format	Color
Hex	360023
RGB	54, 0, 35
RGB Percent	21%, 0%, 14%
CMY	0.7882, 1.0000, 0.8627
CMYK	0.00, 1.00, 0.35, 0.79
HSL	321°, 100%, 11%
HSV	321°, 100%, 21%
XYZ	1.8247, 0.9056, 1.6687
YIQ	20.1360, 20.9490, 22.3330

# Conversions

## Conversions Part 2

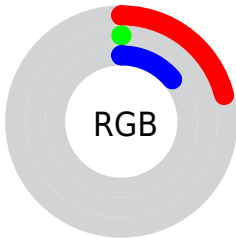
Format	Color
R <sub>Y</sub> B	54, 0, 35
Decimal	3538979
CIE Lab	8.18, 29.66, -7.99
CIE LCh	8, 30.719, 344.922
Yxy	0.9056, 0.4148, 0.2059
Android (android.graphics.Color)	4281729059 (0xFF360023)
YUV	20.1360, 7.3280, 29.6987
Hunter-Lab	9.5164, 17.5722, -3.7352

# Details

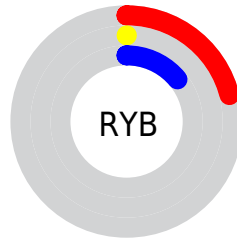
The YUV color **20.1360, 7.3280, 29.6987** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **33.8640, -7.3280, -29.6987**, and the grayscale version is **20.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **67.6910, 5.5753, 31.8430**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **20.1360, 7.3280, 29.6987**, and if you desaturate by 10%, it is **23.2990, 6.7546, 26.9248**.

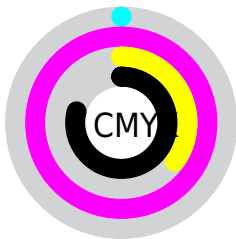
# Distribution



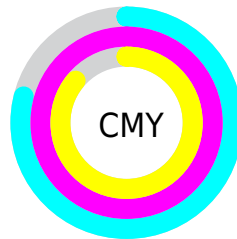
- Red (21%)
- Green (0%)
- Blue (14%)



- Red (21%)
- Yellow (0%)
- Blue (14%)



- Cyan (0%)
- Magenta (100%)
- Yellow (35%)
- Black (79%)




- Cyan (79%)
- Magenta (100%)
- Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 20.1360, 7.3280, 29.6987 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 20.1360, 7.3280, 29.6987 by changing the saturation by 10% instead.




 20.1360, 7.3280,  
29.6987

 20.1360, 7.3280,  
29.6987


 240.3250, 7.2348,  
12.8700

 11.3490, 0.8139,  
18.9879


 67.6910, 5.5753,  
31.8430

 0.0000, 0.0000,  
0.0000

 92.2890, 5.2805,  
33.0725

 117.1150, 5.8593,  
34.1021

 143.7130, 5.5645,  
35.3317

 170.3110, 5.2697,  
36.5613

 198.0230, 5.4117,


37.6908


 221.8370, 7.4754,  
29.0840

 20.1360, 7.3280,  
29.6987

 23.2990, 6.7546,  
26.9248

 27.0490, 5.8918,  
23.6360

 30.2120, 5.3185,  
20.8621

 33.9620, 4.4557,  
17.5733

 37.1250, 3.8824,  
14.7994

■ 40.1740, 2.8722,  
12.1254

■ 43.9240, 2.0095,  
8.8367

■ 47.0870, 1.4361,  
6.0627

■ 50.8370, 0.5734,  
2.7740

# Harmonies

## Analogous

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



23.8500, 14.3709, 10.6555



20.1360, 7.3280, 29.6987



19.0090, -3.4554, 35.0721

# Triad

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



20.1360, 7.3280, 29.6987



21.5410, -10.6197, -0.4745



25.2990, 13.1636, -22.1872

# Complementary

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



20.1360, 7.3280, 29.6987



33.8640, -7.3280, -29.6987

# 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.



23.8340, 5.0118, -20.9024



20.1360, 7.3280, 29.6987



18.1970, -8.9711, -15.9588

# Square

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



20.1360, 7.3280, 29.6987



23.1130, -11.3947, 14.8099



20.9840, -5.9081, -18.4030



24.3190, 19.5627, -21.3278



# Rectangle

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



20.1360, 7.3280, 29.6987



18.5050, -9.1230, 32.8831



20.9840, -5.9081, -18.4030



25.3160, 10.6902, -22.2021

# Sweetspot

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



20.1360, 7.3280, 29.6987



57.8750, 3.0196, 11.5106



11.8370, 20.7864, 6.2820



27.7990, 1.5781, 7.1923



163.0000, 0.0000, 0.0000



36.0000, 0.0000, 0.0000



# Same Dimension

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



20.1360, 7.3280, 29.6987



26.4730, 9.6268, 39.0502



17.0580, -4.4656, 32.3981



26.1250, 0.4314, 1.6444



34.3480, 12.6464, 50.5608



81.6690, 29.7432, 120.4393



# Inverse Universe

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



20.1360, 7.3280, 29.6987



26.4730, 9.6268, 39.0502



36.9420, 4.4656, -32.3981



26.1250, 0.4314, 1.6444



34.3480, 12.6464, 50.5608

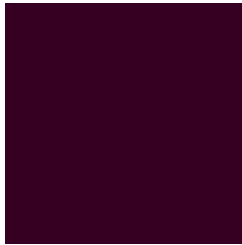


81.6690, 29.7432, 120.4393



# Previews

## White Background



This preview shows how the YUV color 20.1360, 7.3280, 29.6987 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

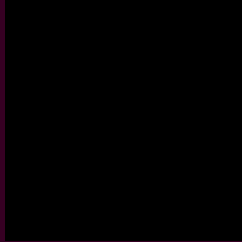
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 20.1360, 7.3280, 29.6987

## Background



This preview shows how black text looks on a background with the YUV color 20.1360, 7.3280, 29.6987.



This preview shows how white text looks on a background with the YUV color 20.1360, 7.3280,



# 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

20.1360, 7.3280, 29.6987

### Protanopia

27.8170, 10.9362, -7.7325

### Deuteranopia

29.1680, 1.8892, 0.7297



## Tritanopia

25.6610, -5.7489, 23.9763

# Trichromacy



## Original Color

20.1360, 7.3280, 29.6987

## Protanomaly

25.2640, 9.7298, 5.9075

## Deuteranomaly

26.1030, 3.8932, 11.3107

## Tritanomaly

23.6380, -0.8075, 25.7505

# Monochromacy



## Original Color

20.1360, 7.3280, 29.6987

## Achromatopsia

20.0000, 0.0000, 0.0000

## Achromatomaly

20.0490, 2.4408, 10.4810

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 20.1360, 7.3280, 29.6987 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, 0, 35)` looks like.

```
.text, #text, p{  
    color:rgb(54, 0, 35)  
}
```

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, 0, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 0, 35) }
```

## Border

The CSS property to change the border of an element to YUV 20.1360, 7.3280, 29.6987 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, 0, 35) }
```



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

```
.border{ border-color:rgb(54, 0, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 0, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 0, 35); -webkit-box-shadow:4px  
4px 4px 4px rgb(54, 0, 35); box-shadow:4px  
4px 4px 4px rgb(54, 0, 35) }
```

# Background

The CSS property to change the background color of an element to YUV 20.1360, 7.3280, 29.6987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 0, 35) }
```

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

```
.background{ background-color: rgb(54, 0,  
35) }
```

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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