

# Converting Colors

YUV(132.1360, 20.1460,  
-68.5253)

Have a look what the booklet for  
YUV(132.1360, 20.1460, -68.5253)  
contains.

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# Color

**YUV(132.1360, 20.1460,  
-68.5253)**

# Conversions

## Conversions Part 1

Format	Color
Hex	36A4AD
RGB	54, 164, 173
RGB Percent	21%, 64%, 68%
CMY	0.7882, 0.3569, 0.3216
CMYK	0.69, 0.05, 0.00, 0.32
HSL	185°, 52%, 45%
HSV	185°, 69%, 68%
XYZ	22.3396, 30.3523, 44.2163
YIQ	132.1360, -68.4490, -20.5210

# Conversions

## Conversions Part 2

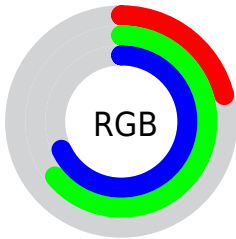
<b>Format</b>	<b>Color</b>
<b>RYB</b>	54, 111, 173
Decimal	3581101
CIELab	61.96, -27.45, -13.70
CIELCh	62, 30.682, 206.514
Yxy	30.3523, 0.2305, 0.3132
Android (android.graphics.Color)	4281771181 (0xFF36A4AD)
YUV	132.1360, 20.1460, -68.5253
Hunter-Lab	55.0929, -24.0328, -9.0197




# Details

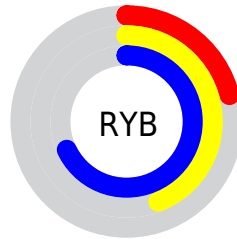
The YUV color **132.1360, 20.1460, -68.5253** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **94.8640, -20.1460, 68.5253**, and the grayscale version is **132.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **189.5280, 18.9667, -63.6071**, and **79.5380, 20.4408, -69.7548** is the 20% darker color. If you saturate the color by 10%, you get **126.4660, 22.9413, -78.4617**, and if you desaturate by 10%, it is **137.8060, 17.3506, -58.5889**.

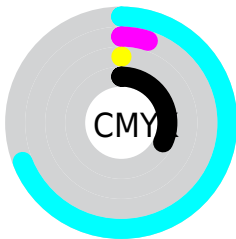
# Distribution







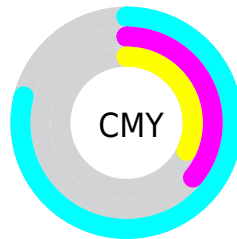
-  Red (21%)
-  Green (64%)
-  Blue (68%)






-  Red (21%)
-  Yellow (44%)
-  Blue (68%)



-  Cyan (69%)
-  Magenta (5%)
-  Yellow (0%)
-  Black (32%)



-  Cyan (79%)
-  Magenta (36%)
-  Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 132.1360, 20.1460, -68.5253 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 132.1360, 20.1460, -68.5253 by changing the saturation by 10% instead.



■ 132.1360, 20.1460,  
-68.5253

■ 132.1360, 20.1460,  
-68.5253

■ 255.0000, 0.0000,  
0.0000

■ 97.0630, 24.1259,  
-85.1243

■ 189.5280, 18.9667,  
-63.6071

■ 79.5380, 20.4408,  
-69.7548

■ 218.3000, 18.0931,  
-63.4071

■ 62.0130, 16.7556,  
-54.3854

■ 231.0800, 11.7926,  
-49.1822

■ 45.1890, 13.2178,  
-39.6308

■ 240.0500, 7.3704,  
-30.7388

■ 29.7670, 9.9749,  
-26.1057

■ 249.0200, 2.9481,  
-12.2955

■ 11.5240, 8.6157,  
-10.1065

■ 0.0000, 0.0000,

0.0000

■ 132.1360, 20.1460,  
-68.5253

■ 132.1360, 20.1460,  
-68.5253

■ 126.4660, 22.9413,  
-78.4617

■ 137.8060, 17.3506,  
-58.5889

■ 119.9100, 26.1734,  
-88.4981

■ 144.3620, 14.1185,  
-48.5525

■ 114.2400, 28.9687,  
-98.4345

■ 150.0320, 11.3232,  
-38.6161

■ 113.6420, 29.2635,  
-99.6640

■ 155.7020, 8.5279,  
-28.6797

■ 162.2580, 5.2958,  
-18.6433

■ 167.9280, 2.5005,  
-8.7069

■ 173.5980, -0.2948,  
1.2296

■ 179.2680, -3.0901,  
11.1660

■ 185.8240, -6.3222,  
21.2024

# Harmonies

## Analogous

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



136.4190, 4.2304, -50.3565



132.1360, 20.1460, -68.5253



136.0690, 28.5600, -60.5735

# Triad

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



132.1360, 20.1460, -68.5253



153.8840, 12.8752, 23.7807



148.2480, -26.2513, 19.9535

# Complementary

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



132.1360, 20.1460, -68.5253



94.8640, -20.1460, 68.5253

# 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.



150.3840, -22.3743, 36.4972



132.1360, 20.1460, -68.5253



153.0790, 0.4541, 41.1497

# Square

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



132.1360, 20.1460, -68.5253



151.6510, 22.8501, -2.3249



152.0720, -12.3605, 44.6639



145.1420, -22.2550, -1.8785



# Rectangle

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



132.1360, 20.1460, -68.5253



142.4070, 29.3793, -43.3299



152.0720, -12.3605, 44.6639



149.1070, -25.6888, 26.2162

# Sweetspot

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



132.1360, 20.1460, -68.5253



208.1860, 7.7963, -27.3501



124.7650, -30.9431, -62.0609



102.4540, 4.7062, -16.1842



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000



# Same Dimension

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



132.1360, 20.1460, -68.5253



160.1680, 31.4692, -107.1413



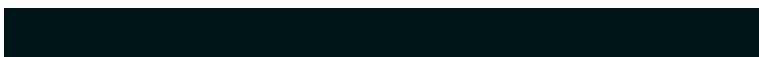
98.0900, 36.9306, -38.6669



83.7220, 1.6161, -5.0182



98.6930, 25.2944, -86.5538



14.9490, 3.9691, -13.1103



# Inverse Universe

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



102.1210, 30.5063, 62.1609



113.2220, 47.7116, 97.1523



128.9100, -36.9306, 38.6669



81.6030, 2.1677, 4.7332



60.6960, 38.6039, 78.3196

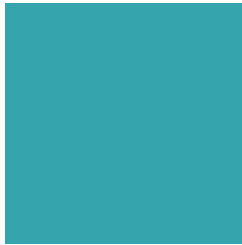


9.2710, 5.7824, 12.0403



# Previews

## White Background



This preview shows how the YUV color 132.1360, 20.1460, -68.5253 looks on a white 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



# Black Background



This preview shows how the YUV color 132.1360, 20.1460, -68.5253 looks on a black 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

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

# YUV 132.1360, 20.1460, -68.5253

## Background



This preview shows how black text looks on a background with the YUV color 132.1360, 20.1460, -68.5253.



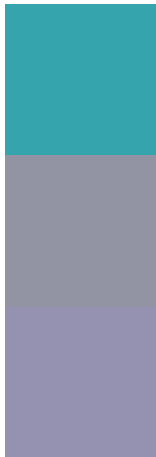
This preview shows how white text looks on a background with the YUV color 132.1360, 20.1460, -68.5253.

-68.5253.

# 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

132.1360, 20.1460, -68.5253

### Protanopia

149.4110, 6.6994, -2.1144

### Deuteranopia

149.8440, 13.3879, -0.7402



## Tritanopia

132.6030, 21.8877, -67.1808

# Trichromacy



## Original Color

132.1360, 20.1460, -68.5253

## Protanomaly

143.2230, 11.7221, -26.5056

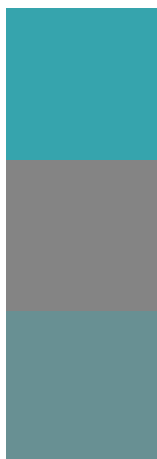
## Deuteranomaly

143.3740, 16.0846, -25.7610

## Tritanomaly

132.1900, 21.5983, -67.6956

# Monochromacy



## Original Color

132.1360, 20.1460, -68.5253

## Achromatopsia

132.0000, 0.0000, 0.0000

## Achromatomaly

132.3820, 7.2067, -24.8910

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 132.1360, 20.1460, -68.5253 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, 164, 173)` looks like.

```
.text, #text, p{  
    color:rgb(54, 164, 173)  
}
```

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, 164, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 164, 173) }
```

## Border

The CSS property to change the border of an element to YUV 132.1360, 20.1460, -68.5253 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, 164, 173) }
```



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

```
.border{ border-color:rgb(54, 164, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 164, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 164, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 164, 173);  
box-shadow:4px 4px 4px 4px rgb(54, 164,  
173) }
```

# Background

The CSS property to change the background color of an element to YUV 132.1360, 20.1460, -68.5253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 164, 173) }
```

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

```
.background{ background-color: rgb(54, 164,  
173) }
```

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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