

Converting Colors

YUV(103.6330, -20.5251,
-43.5281)

Have a look what the booklet for
YUV(103.6330, -20.5251, -43.5281)
contains.

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Color

**YUV(103.6330, -20.5251,
-43.5281)**

Conversions

Conversions Part 1

Format	Color
Hex	36893E
RGB	54, 137, 62
RGB Percent	21%, 54%, 24%
CMY	0.7882, 0.4627, 0.7569
CMYK	0.61, 0.00, 0.55, 0.46
HSL	126°, 43%, 37%
HSV	126°, 61%, 54%
XYZ	11.3365, 19.0234, 7.6318
YIQ	103.6330, -25.3930, -40.9210

Conversions

Conversions Part 2

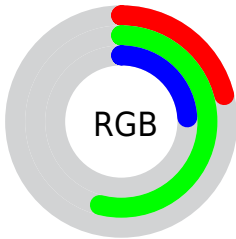
Format	Color
RYB	54, 130, 137
Decimal	3574078
CIELab	50.71, -41.44, 32.56
CIELCh	51, 52.704, 141.841
Yxy	19.0234, 0.2984, 0.5007
Android (android.graphics.Color)	4281764158 (0xFF36893E)
YUV	103.6330, -20.5251, -43.5281
Hunter-Lab	43.6158, -29.9325, 20.1566

Details

The YUV color **103.6330, -20.5251, -43.5281** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **87.3670, 20.5251, 43.5281**, and the grayscale version is **104.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **157.3620, -22.8565, -42.4135**, and **52.0780, -18.7725, -45.6724** is the 20% darker color. If you saturate the color by 10%, you get **98.0790, -23.7029, -50.9353**, and if you desaturate by 10%, it is **109.1870, -17.3472, -36.1210**.

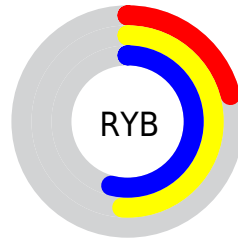
Distribution



Red (21%)

Green (54%)

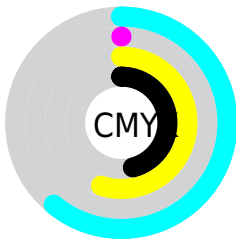
Blue (24%)



Red (21%)

Yellow (51%)

Blue (54%)

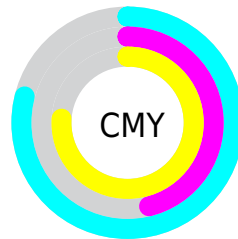


Cyan (61%)

Magenta (0%)

Yellow (55%)

Black (46%)



Cyan (79%)

Magenta (46%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 103.6330, -20.5251, -43.5281 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 103.6330, -20.5251, -43.5281 by changing the saturation by 10% instead.

■ 103.6330,
-20.5251, -43.5281

■ 103.6330,
-20.5251, -43.5281

■ 255.0000, 0.0000,
0.0000

■ 75.7680, -18.6196,
-48.0315

■ 157.3620,
-22.8565, -42.4135

■ 52.0780, -18.7725,
-45.6724

■ 185.1340,
-23.7301, -42.2135

■ 36.3940, -17.9422,
-31.9175

■ 213.6070,
-24.4563, -42.6283

■ 24.0670, -11.8650,
-21.1068

■ 229.2800,
-18.3790, -31.8176

■ 2.9350, -1.4470,
-2.5740

■ 241.1430,
-10.4235, -16.7884

■ 0.0000, 0.0000,
0.0000

■ 253.0060, -2.4680,

-1.7593

■ 103.6330,
-20.5251, -43.5281

■ 103.6330,
-20.5251, -43.5281

■ 98.0790, -23.7029,
-50.9353

■ 109.1870,
-17.3472, -36.1210

■ 92.7100, -27.4650,
-57.6277

■ 114.5560,
-13.5851, -29.4286

■ 87.1560, -30.6429,
-65.0348

■ 120.1100,
-10.4072, -22.0215

■ 81.9010, -33.9682,
-71.8272

■ 125.7780, -6.7926,
-14.7143

■ 131.3320, -3.6147,
-7.3072

■ 136.5870, -0.2894,
-0.5148

■ 142.2550, 3.3253,
6.7924

■ 147.8090, 6.5032,
14.1995

■ 153.0640, 9.8284,
20.9919

Harmonies

Analogous

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



111.7020, -41.7581, 0.2613



103.6330, -20.5251, -43.5281



94.9650, 5.9333, -83.2843

Triad

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



103.6330, -20.5251, -43.5281



99.6630, 54.3961, -87.4045



117.6180, -13.6157, 74.0030

Complementary

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



103.6330, -20.5251, -43.5281



87.3670, 20.5251, 43.5281

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.



120.3670, 7.2141, 66.3301



103.6330, -20.5251, -43.5281



119.5900, 42.1071, -18.9344

Square

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



103.6330, -20.5251, -43.5281



103.3670, 43.2031, -90.6529



124.0930, 26.0832, 34.1214



117.6660, -33.3593, 59.9289

Rectangle

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



103.6330, -20.5251, -43.5281



99.0860, 19.1846, -86.8984



124.0930, 26.0832, 34.1214



118.1540, -6.4849, 73.5329

Sweetspot

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



103.6330, -20.5251, -43.5281



165.7130, -8.2395, -17.2883



125.4450, -35.2224, 3.9947



81.3810, -4.6248, -9.9811



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



103.6330, -20.5251, -43.5281



126.3790, -32.2318, -68.7384



108.1930, -3.0531, -47.5273



66.2230, -1.5889, -3.7036



79.5530, -32.8106, -69.7680



2.9350, -1.4470, -2.5740

Inverse Universe

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



87.3670, 20.5251, 43.5281



100.6210, 32.2318, 68.7384



82.8070, 3.0531, 47.5273



64.7770, 1.5889, 3.7036



53.4470, 32.8106, 69.7680



2.0650, 1.4470, 2.5740

Previews

White Background



This preview shows how the YUV color 103.6330, -20.5251, -43.5281 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 103.6330, -20.5251, -43.5281 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 × Fail

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

YUV 103.6330, -20.5251, -43.5281 Background



This preview shows how black text looks on a background with the YUV color 103.6330, -20.5251, -43.5281.



This preview shows how white text looks on a background with the YUV color 103.6330, -20.5251, -43.5281.

-43.5281.

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

103.6330, -20.5251, -43.5281

Protanopia

116.7050, -29.4346, 14.2907

Deuteranopia

118.3240, -24.8097, 24.2719



Tritanopia

113.6950, 12.4754, -34.8125

Trichromacy



Original Color

103.6330, -20.5251, -43.5281

Protanomaly

111.7840, -26.0225, -6.8266

Deuteranomaly

112.9250, -23.1340, 0.0658

Tritanomaly

110.1710, 0.4087, -37.8610

Monochromacy



Original Color

103.6330, -20.5251, -43.5281

Achromatopsia

104.0000, 0.0000, 0.0000

Achromatomaly

103.9520, -7.3713, -15.7439

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.6330, -20.5251, -43.5281 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, 137, 62)` looks like.

```
.text, #text, p{  
    color:rgb(54, 137, 62)  
}
```

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, 137, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 137, 62) }
```

Border

The CSS property to change the border of an element to YUV 103.6330, -20.5251, -43.5281 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, 137, 62) }
```


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

```
.border{ border-color:rgb(54, 137, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 137, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 137, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 137, 62);  
box-shadow:4px 4px 4px 4px rgb(54, 137,  
62) }
```

Background

The CSS property to change the background color of an element to YUV 103.6330, -20.5251, -43.5281 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 137, 62) }
```

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

```
.background{ background-color: rgb(54, 137,  
62) }
```

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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