

Converting Colors

YUV(53.1090, -8.9277, -29.9136)

Have a look what the booklet for
YUV(53.1090, -8.9277, -29.9136)
contains.

YUV(53.1090, -8.9277, -29.9136)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(53.1090, -8.9277,
-29.9136)**

Conversions

Conversions Part 1

Format	Color
Hex	134A23
RGB	19, 74, 35
RGB Percent	7%, 29%, 14%
CMY	0.9255, 0.7098, 0.8627
CMYK	0.74, 0.00, 0.53, 0.71
HSL	137°, 59%, 18%
HSV	137°, 74%, 29%
XYZ	3.0207, 5.1574, 2.4264
YIQ	53.1090, -20.2610, -23.7890

Conversions

Conversions Part 2

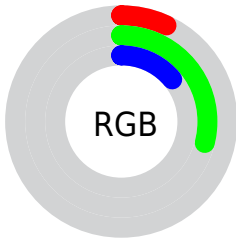
Format	Color
R_{YB}	19, 62, 74
Decimal	1264163
CIE _{Lab}	27.18, -27.74, 18.16
CIE _{LCh}	27, 33.155, 146.779
Yxy	5.1574, 0.2849, 0.4863
Android (android.graphics.Color)	4279454243 (0xFF134A23)
YUV	53.1090, -8.9277, -29.9136
Hunter-Lab	22.7098, -15.9993, 9.5622

Details

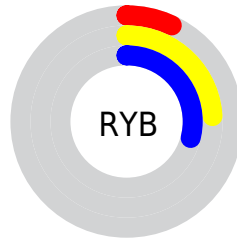
The YUV color **53.1090, -8.9277, -29.9136** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **39.8910, 8.9277, 29.9136**, and the grayscale version is **53.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **102.2510, -10.9697, -28.2841**, and **18.7840, -9.2605, -16.4736** is the 20% darker color. If you saturate the color by 10%, you get **50.4460, -10.0799, -33.7171**, and if you desaturate by 10%, it is **55.7720, -7.7756, -26.1100**.

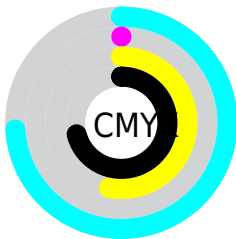
Distribution



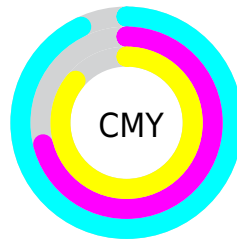
- Red (7%)
- Green (29%)
- Blue (14%)



- Red (7%)
- Yellow (24%)
- Blue (29%)



- Cyan (74%)
- Magenta (0%)
- Yellow (53%)
- Black (71%)



- Cyan (93%)
- Magenta (71%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the YUV color 53.1090, -8.9277, -29.9136 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 53.1090, -8.9277, -29.9136 by changing the saturation by 10% instead.

■ 53.1090, -8.9277,
-29.9136

■ 53.1090, -8.9277,
-29.9136

255.0000, 0.0000,
0.0000

■ 31.5330, -8.6438,
-27.6544

■ 102.2510,
-10.9697, -28.2841

■ 18.7840, -9.2605,
-16.4736

■ 127.8380,
-11.2591, -28.7989

■ 0.0000, 0.0000,
0.0000

■ 154.3110,
-11.9853, -29.2137

■ 181.7840,
-12.7115, -29.6286

■ 209.3710,
-13.0009, -30.1434

■ 234.4360,

-11.5539, -27.5694

■ 246.0000, -3.4510,
-13.1550

■ 53.1090, -8.9277,
-29.9136

■ 53.1090, -8.9277,
-29.9136

■ 50.4460, -10.0799,
-33.7171

■ 55.7720, -7.7756,
-26.1100

■ 47.4840, -11.0846,
-38.1355

■ 58.7340, -6.7709,
-21.6917

■ 45.9460, -11.8054,
-40.2946

■ 61.5110, -5.1819,
-17.9881

■ 64.4730, -4.1772,
-13.5698

■ 67.1360, -3.0250,
-9.7663

■ 69.7990, -1.8729,
-5.9627

■ 72.8750, -0.4314,
-1.6444

■ 75.5380, 0.7208,
2.1592

■ 78.5000, 1.7255,
6.5775

Harmonies

Analogous

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



58.5440, -21.9602, -3.1081



53.1090, -8.9277, -29.9136



51.5660, 4.6510, -45.2234

Triad

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



53.1090, -8.9277, -29.9136



53.0260, 30.5532, -46.5038



62.7340, -9.7289, 40.5753

Complementary

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



53.1090, -8.9277, -29.9136



39.8910, 8.9277, 29.9136

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.



63.5240, 2.2067, 39.0055



53.1090, -8.9277, -29.9136



65.1130, 22.1293, -4.4841

Square

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



53.1090, -8.9277, -29.9136



55.5220, 24.8857, -48.6928



66.1720, 12.7332, 22.6512



62.5190, -20.4689, 31.9938

Rectangle

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



53.1090, -8.9277, -29.9136



53.5040, 12.0765, -46.9230



66.1720, 12.7332, 22.6512



62.7710, -5.8031, 41.4198

Sweetspot

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



53.1090, -8.9277, -29.9136



89.0110, -3.4564, -11.4106



62.9460, -21.6654, -4.3376



43.5000, -1.7255, -6.5775



176.0000, 0.0000, 0.0000



48.0000, 0.0000, 0.0000

Same Dimension

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



53.1090, -8.9277, -29.9136



64.3320, -13.9677, -46.7722



56.1870, 2.8658, -32.6130



36.5760, -0.2840, -2.2592



63.2940, -16.4139, -55.5088



142.6480, -37.2945, -125.1023

Inverse Universe

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



39.8910, 8.9277, 29.9136



43.6680, 13.9677, 46.7722



36.8130, -2.8658, 32.6130



35.5380, 0.7208, 2.1592



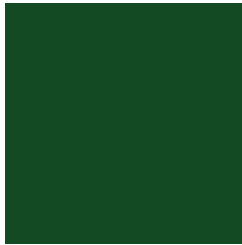
38.7060, 16.4139, 55.5088



87.3520, 37.2945, 125.1023

Previews

White Background



This preview shows how the YUV color 53.1090, -8.9277, -29.9136 looks on a white background.

Color Contrast Check

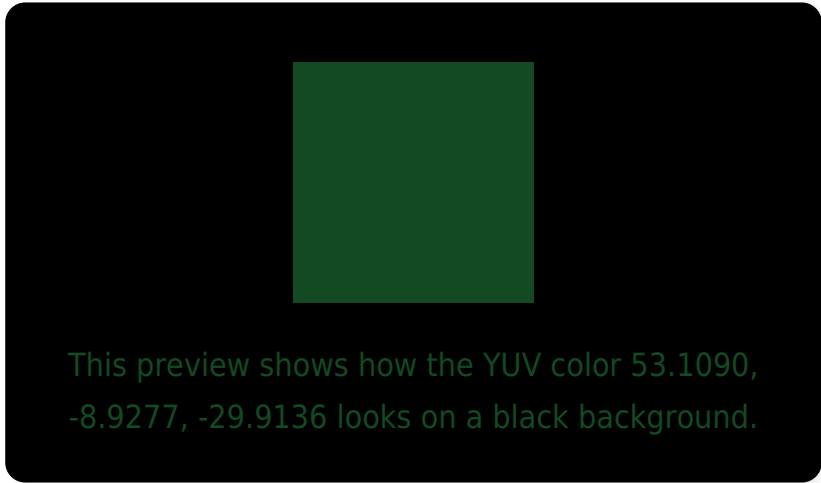
Large Text (above 18pt) WCAG AA ✓ Pass

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

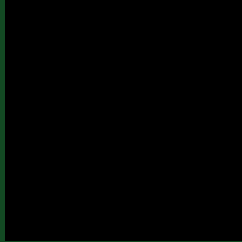
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 53.1090, -8.9277, -29.9136

Background



This preview shows how black text looks on a background with the YUV color 53.1090, -8.9277, -29.9136.



This preview shows how white text looks on a background with the YUV color 53.1090, -8.9277, -29.9136.

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

53.1090, -8.9277, -29.9136

Protanopia

62.4450, -15.0094, 7.5027

Deuteranopia

63.4610, -12.5523, 12.7507



Tritanopia

59.5070, 7.6380, -23.2466

Trichromacy



Original Color

53.1090, -8.9277, -29.9136

Protanomaly

59.2260, -12.9294, -6.3372

Deuteranomaly

60.0030, -11.3405, -2.6336

Tritanomaly

56.8890, 1.5337, -25.3357

Monochromacy



Original Color

53.1090, -8.9277, -29.9136

Achromatopsia

53.0000, 0.0000, 0.0000

Achromatomaly

53.3100, -3.6038, -10.7959

CSS Examples

Text

The CSS property to change the color of the text to YUV 53.1090, -8.9277, -29.9136 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(19, 74, 35)` looks like.

```
.text, #text, p{  
    color:rgb(19, 74, 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(19, 74, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 74, 35) }
```

Border

The CSS property to change the border of an element to YUV 53.1090, -8.9277, -29.9136 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(19, 74, 35) }
```


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

```
.border{ border-color:rgb(19, 74, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(19, 74, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 74, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 74, 35);  
box-shadow:4px 4px 4px 4px rgb(19, 74, 35)  
}
```

Background

The CSS property to change the background color of an element to YUV 53.1090, -8.9277, -29.9136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 74, 35) }
```

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

```
.background{ background-color: rgb(19, 74,  
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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