

Converting Colors

YUV(56.5220, -8.6383, -29.3988)

Have a look what the booklet for
YUV(56.5220, -8.6383, -29.3988)
contains.

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Color

**YUV(56.5220, -8.6383,
-29.3988)**

Conversions

Conversions Part 1

Format	Color
Hex	174D27
RGB	23, 77, 39
RGB Percent	9%, 30%, 15%
CMY	0.9098, 0.6980, 0.8471
CMYK	0.70, 0.00, 0.49, 0.70
HSL	138°, 54%, 20%
HSV	138°, 70%, 30%
XYZ	3.3734, 5.6364, 2.8296
YIQ	56.5220, -19.9860, -23.2660

Conversions

Conversions Part 2

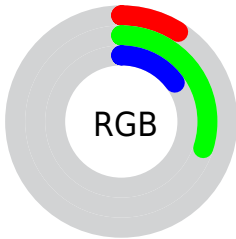
Format	Color
R_{YB}	23, 65, 77
Decimal	1527079
CIE _{Lab}	28.48, -27.39, 17.44
CIE _{LCh}	28, 32.472, 147.511
Yxy	5.6364, 0.2849, 0.4761
Android (android.graphics.Color)	4279717159 (0xFF174D27)
YUV	56.5220, -8.6383, -29.3988
Hunter-Lab	23.7411, -16.1834, 9.5523

Details

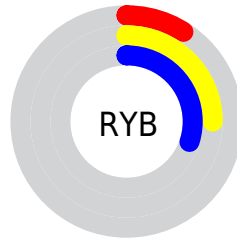
The YUV color **56.5220, -8.6383, -29.3988** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **43.4780, 8.6383, 29.3988**, and the grayscale version is **57.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **106.3650, -10.5329, -28.3841**, and **19.3710, -9.5499, -16.9884** is the 20% darker color. If you saturate the color by 10%, you get **53.5600, -9.6431, -33.8171**, and if you desaturate by 10%, it is **59.4840, -7.6336, -24.9805**.

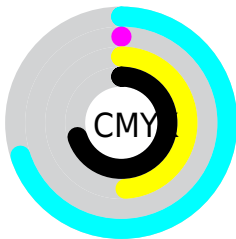
Distribution



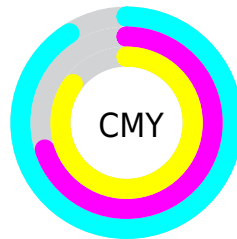
- Red (9%)
- Green (30%)
- Blue (15%)



- Red (9%)
- Yellow (25%)
- Blue (30%)



- Cyan (70%)
- Magenta (0%)
- Yellow (49%)
- Black (70%)



- Cyan (91%)
- Magenta (70%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 56.5220, -8.6383, -29.3988 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 56.5220, -8.6383, -29.3988 by changing the saturation by 10% instead.

■ 56.5220, -8.6383,
-29.3988

■ 56.5220, -8.6383,
-29.3988

255.0000, 0.0000,
0.0000

■ 33.7500, -7.7648,
-29.5987

■ 106.3650,
-10.5329, -28.3841

■ 19.3710, -9.5499,
-16.9884

■ 131.8380,
-11.2591, -28.7989

■ 0.0000, 0.0000,
0.0000

■ 158.4250,
-11.5485, -29.3137

■ 185.0120,
-11.8379, -29.8285

■ 213.4850,
-12.5641, -30.2433

■ 236.2020, -9.9596,

-25.6102

■ 247.7660, -1.8566,
-11.1958

■ 56.5220, -8.6383,
-29.3988

■ 56.5220, -8.6383,
-29.3988

■ 53.5600, -9.6431,
-33.8171

■ 59.4840, -7.6336,
-24.9805

■ 50.7830, -11.2320,
-37.5207

■ 62.2610, -6.0447,
-21.2769

■ 47.8210, -12.2368,
-41.9390

■ 65.2230, -5.0399,
-16.8586

■ 68.2990, -3.5984,
-12.5402

■ 71.2610, -2.5937,
-8.1219

■ 74.0380, -1.0047,
-4.4183

■ 77.0000, 0.0000,
0.0000

■ 79.9620, 1.0047,
4.4183

■ 82.7390, 2.5937,
8.1219

Harmonies

Analogous

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



61.7720, -21.0866, -3.3080



56.5220, -8.6383, -29.3988



53.6690, 5.0932, -47.0677

Triad

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



56.5220, -8.6383, -29.3988



55.0150, 30.5586, -48.2482



66.3210, -10.0183, 40.0605

Complementary

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



56.5220, -8.6383, -29.3988



43.4780, 8.6383, 29.3988

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.



66.9970, 1.4805, 38.5906



56.5220, -8.6383, -29.3988



67.7110, 21.8345, -3.2545

Square

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



56.5220, -8.6383, -29.3988



57.0380, 25.6173, -50.0223



69.3570, 12.1490, 23.3659



65.9210, -20.1741, 30.7643

Rectangle

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



56.5220, -8.6383, -29.3988



55.6070, 12.5187, -48.7673



69.3570, 12.1490, 23.3659



66.3580, -6.0925, 40.9050

Sweetspot

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



56.5220, -8.6383, -29.3988



91.4240, -3.1670, -10.8958



66.3590, -21.3760, -3.8228



46.0870, -2.0149, -7.0923



179.0000, 0.0000, 0.0000



51.0000, 0.0000, 0.0000

Same Dimension

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



56.5220, -8.6383, -29.3988



67.5710, -13.0995, -45.2278



59.4860, 2.7184, -31.9982



36.5760, -0.2840, -2.2592



63.2940, -16.4139, -55.5088



142.7620, -36.8577, -125.2023

Inverse Universe

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



43.4780, 8.6383, 29.3988



47.5430, 13.5363, 45.1278



40.5140, -2.7184, 31.9982



35.5380, 0.7208, 2.1592



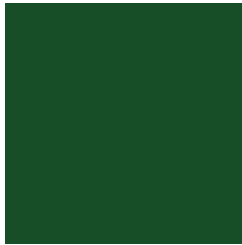
38.7060, 16.4139, 55.5088



87.1240, 36.4209, 125.3023

Previews

White Background



This preview shows how the YUV color 56.5220, -8.6383, -29.3988 looks on a white background.

Color Contrast Check

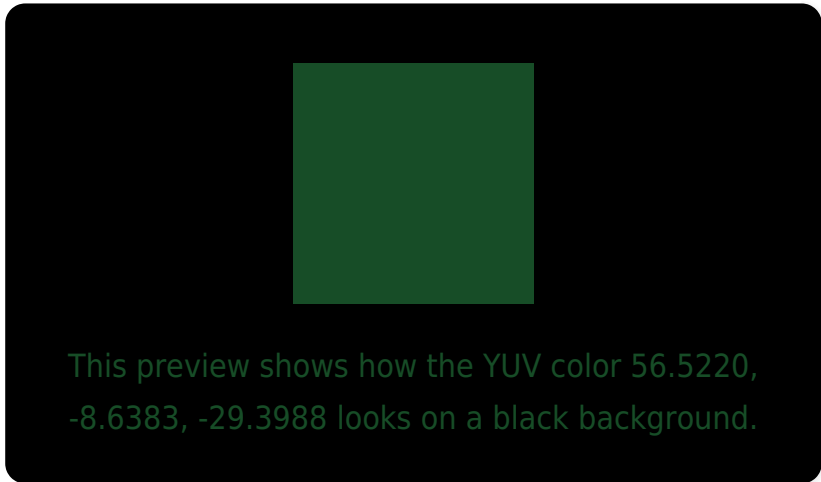
Large Text (above 18pt) WCAG AA ✓ Pass

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

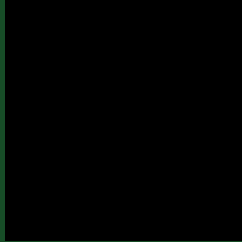
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 56.5220, -8.6383, -29.3988

Background



This preview shows how black text looks on a background with the YUV color 56.5220, -8.6383, -29.3988.



This preview shows how white text looks on a background with the YUV color 56.5220, -8.6383,

-29.3988.

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

56.5220, -8.6383, -29.3988

Protanopia

65.5590, -14.5726, 7.4028

Deuteranopia

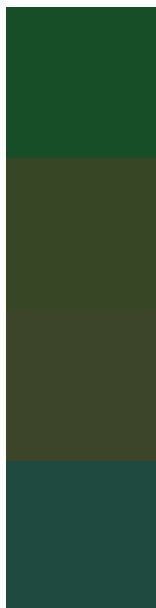
66.5750, -12.1155, 12.6507



Tritanopia

62.6210, 8.0748, -23.3466

Trichromacy



Original Color

56.5220, -8.6383, -29.3988

Protanomaly

62.3400, -12.4926, -6.4372

Deuteranomaly

63.1170, -10.9037, -2.7336

Tritanomaly

60.0030, 1.9705, -25.4356

Monochromacy



Original Color

56.5220, -8.6383, -29.3988

Achromatopsia

57.0000, 0.0000, 0.0000

Achromatomaly

56.7230, -3.3144, -10.2811

CSS Examples

Text

The CSS property to change the color of the text to YUV 56.5220, -8.6383, -29.3988 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(23, 77, 39)` looks like.

```
.text, #text, p{  
    color:rgb(23, 77, 39)  
}
```

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(23, 77, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 77, 39) }
```

Border

The CSS property to change the border of an element to YUV 56.5220, -8.6383, -29.3988 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(23, 77, 39) }
```


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

```
.border{ border-color:rgb(23, 77, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(23, 77, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 77, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 77, 39);  
box-shadow:4px 4px 4px 4px rgb(23, 77, 39)  
}
```

Background

The CSS property to change the background color of an element to YUV 56.5220, -8.6383, -29.3988 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 77, 39) }
```

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

```
.background{ background-color: rgb(23, 77,  
39) }
```

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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