

Converting Colors

YUV(42.5290, -12.5858,
-23.2659)

Have a look what the booklet for
YUV(42.5290, -12.5858, -23.2659)
contains.

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Color

**YUV(42.5290, -12.5858,
-23.2659)**

Conversions

Conversions Part 1

Format	Color
Hex	103D11
RGB	16, 61, 17
RGB Percent	6%, 24%, 7%
CMY	0.9373, 0.7608, 0.9333
CMYK	0.74, 0.00, 0.72, 0.76
HSL	121°, 58%, 15%
HSV	121°, 74%, 24%
XYZ	1.9836, 3.4881, 1.0990
YIQ	42.5290, -12.6960, -23.2240

Conversions

Conversions Part 2

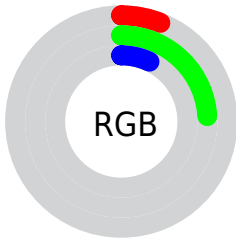
Format	Color
R_{YB}	16, 60, 61
Decimal	1064209
CIE _{Lab}	21.90, -25.71, 22.12
CIE _{LCh}	22, 33.917, 139.284
Yxy	3.4881, 0.3019, 0.5309
Android (android.graphics.Color)	4279254289 (0xFF103D11)
YUV	42.5290, -12.5858, -23.2659
Hunter-Lab	18.6765, -13.7256, 9.5846

Details

The YUV color **42.5290, -12.5858, -23.2659** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **34.4710, 12.5858, 23.2659**, and the grayscale version is **43.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **90.3720, -14.4804, -22.2512**, and **7.6310, -3.7621, -6.6924** is the 20% darker color. If you saturate the color by 10%, you get **40.0510, -14.3221, -26.3547**, and if you desaturate by 10%, it is **45.0070, -10.8495, -20.1771**.

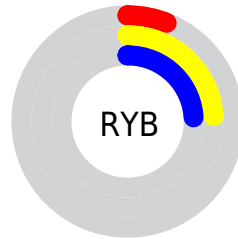
Distribution



Red (6%)

Green (24%)

Blue (7%)



Red (6%)

Yellow (24%)

Blue (24%)

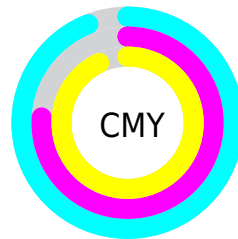


Cyan (74%)

Magenta (0%)

Yellow (72%)

Black (76%)



Cyan (94%)

Magenta (76%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YUV color 42.5290, -12.5858, -23.2659 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 42.5290, -12.5858, -23.2659 by changing the saturation by 10% instead.

■ 42.5290, -12.5858,
-23.2659

■ 42.5290, -12.5858,
-23.2659

■ 253.5610, -4.2206,
0.3850

■ 22.8930, -11.2862,
-20.0772

■ 90.3720, -14.4804,
-22.2512

■ 7.6310, -3.7621,
-6.6924

■ 115.8450,
-15.2066, -22.6661

■ 0.0000, 0.0000,
0.0000


■ 141.6170,
-16.0802, -22.4661


■ 168.2040,
-16.3696, -22.9809


■ 195.6770,
-17.0958, -23.3957


■ 223.8510,


-17.6745, -24.4253


 241.5840,
-12.6129, -14.5442


 42.5290, -12.5858,
-23.2659


 42.5290, -12.5858,
-23.2659


 40.0510, -14.3221,
-26.3547


 45.0070, -10.8495,
-20.1771


 37.5730, -16.0585,
-29.4435

 47.4850, -9.1131,
-17.0883

 35.9210, -17.2161,
-31.5027

 49.9630, -7.3768,
-13.9996

 52.4410, -5.6404,
-10.9108

 55.2180, -4.0515,
-7.2072

■ 57.6960, -2.3151,
-4.1184

■ 60.1740, -0.5788,
-1.0296

■ 62.6520, 1.1576,
2.0592

■ 65.1300, 2.8939,
5.1480

Harmonies

Analogous

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



47.5230, -23.4288, 1.2953



42.5290, -12.5858, -23.2659



41.7690, 0.1139, -36.6314

Triad

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



42.5290, -12.5858, -23.2659



45.6740, 27.7687, -40.0561



49.6570, -6.2399, 41.5198

Complementary

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



42.5290, -12.5858, -23.2659



34.4710, 12.5858, 23.2659

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.



51.4250, 5.7065, 36.4613



42.5290, -12.5858, -23.2659



50.6170, 24.3458, -15.4501

Square

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



42.5290, -12.5858, -23.2659



46.6540, 21.3696, -40.9156



53.9370, 15.8071, 16.7183



49.9260, -17.7115, 34.2679

Rectangle

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



42.5290, -12.5858, -23.2659



44.4080, 7.6869, -38.9458



53.9370, 15.8071, 16.7183



49.5090, -1.7299, 41.6496

Sweetspot

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



42.5290, -12.5858, -23.2659



71.9790, -4.9196, -8.7516



55.5710, -19.5085, 3.8842



36.4570, -3.1833, -5.6628



168.0000, 0.0000, 0.0000



41.0000, 0.0000, 0.0000

Same Dimension

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



42.5290, -12.5858, -23.2659



50.2040, -19.8206, -36.1359



45.0370, -2.9762, -25.4654



29.7610, -0.8682, -1.5444



55.4060, -26.3292, -48.5911



130.8840, -62.0608, -114.7853

Inverse Universe

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



34.4710, 12.5858, 23.2659



37.6820, 19.3838, 36.2359



31.9630, 2.9762, 25.4654



29.2390, 0.8682, 1.5444



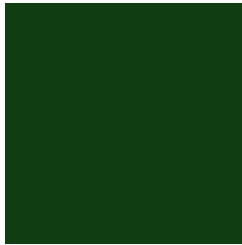
38.5940, 26.3292, 48.5911



91.1160, 62.0608, 114.7853

Previews

White Background



This preview shows how the YUV color 42.5290, -12.5858, -23.2659 looks on a white background.

Color Contrast Check

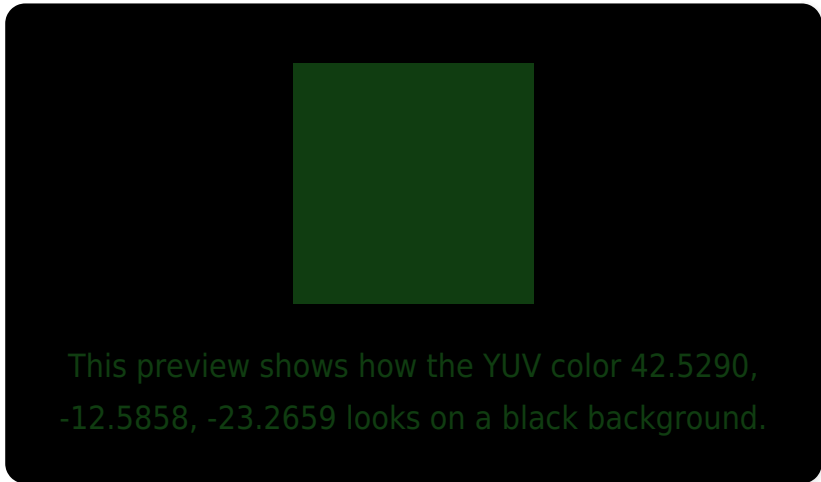
Large Text (above 18pt) WCAG AA ✓ Pass

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

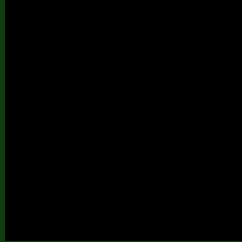
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 42.5290, -12.5858, -23.2659

Background



This preview shows how black text looks on a background with the YUV color 42.5290, -12.5858, -23.2659.



This preview shows how white text looks on a background with the YUV color 42.5290, -12.5858, -23.2659.

-23.2659.

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

42.5290, -12.5858, -23.2659

Protanopia

50.4620, -17.4828, 7.4878

Deuteranopia

51.1790, -14.8782, 12.1210



Tritanopia

49.1980, 6.3114, -17.7136

Trichromacy



Original Color

42.5290, -12.5858, -23.2659

Protanomaly

47.5530, -15.5556, -3.9930

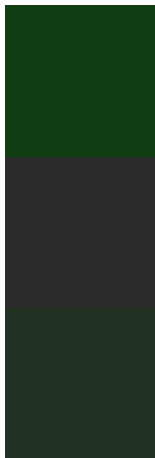
Deuteranomaly

48.0310, -13.8193, -0.9042

Tritanomaly

46.4660, -0.2297, -19.7027

Monochromacy



Original Color

42.5290, -12.5858, -23.2659

Achromatopsia

43.0000, 0.0000, 0.0000

Achromatomaly

43.0930, -4.4828, -8.8516

CSS Examples

Text

The CSS property to change the color of the text to YUV 42.5290, -12.5858, -23.2659 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(16, 61, 17)` looks like.

```
.text, #text, p{  
    color:rgb(16, 61, 17)  
}
```

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(16, 61, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(16, 61, 17) }
```

Border

The CSS property to change the border of an element to YUV 42.5290, -12.5858, -23.2659 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(16, 61, 17) }
```


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

```
.border{ border-color:rgb(16, 61, 17) }
```

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

Here you see how a box with a 4 pixel rgb(16, 61, 17) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(16, 61, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(16, 61, 17);  
box-shadow:4px 4px 4px 4px rgb(16, 61, 17)  
}
```

Background

The CSS property to change the background color of an element to YUV 42.5290, -12.5858, -23.2659 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(16, 61, 17) }
```

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

```
.background{ background-color: rgb(16, 61,  
17) }
```

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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