

Converting Colors

YUV(50.1890, 27.0218, 12.9892)

Have a look what the booklet for
YUV(50.1890, 27.0218, 12.9892)
contains.

YUV(50.1890, 27.0218, 12.9892)	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>	30

Color

**YUV(50.1890, 27.0218,
12.9892)**

Conversions

Conversions Part 1

Format	Color
Hex	412069
RGB	65, 32, 105
RGB Percent	25%, 13%, 41%
CMY	0.7451, 0.8745, 0.5882
CMYK	0.38, 0.70, 0.00, 0.59
HSL	267°, 53%, 27%
HSV	267°, 70%, 41%
XYZ	5.2463, 3.1768, 13.7013
YIQ	50.1890, -3.7650, 29.6990

Conversions

Conversions Part 2

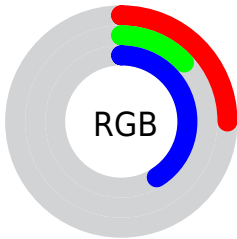
Format	Color
R_{YB}	65, 32, 105
Decimal	4268137
CIE _{Lab}	20.74, 32.02, -36.88
CIE _{LCh}	21, 48.840, 310.964
Yxy	3.1768, 0.2371, 0.1436
Android (android.graphics.Color)	4282458217 (0xFF412069)
YUV	50.1890, 27.0218, 12.9892
Hunter-Lab	17.8235, 21.3499, -33.1010

Details

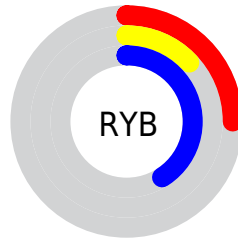
The YUV color **50.1890, 27.0218, 12.9892** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **86.8110, -27.0218, -12.9892**, and the grayscale version is **50.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **98.9550, 28.6162, 14.9485**, and **12.7770, 21.8019, 7.2116** is the 20% darker color. If you saturate the color by 10%, you get **42.5250, 30.8002, 14.4486**, and if you desaturate by 10%, it is **58.4400, 22.9541, 11.0151**.

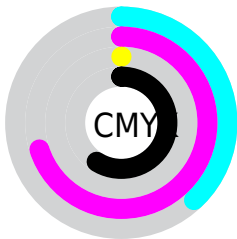
Distribution



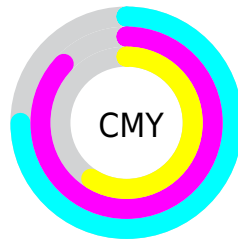
- Red (25%)
- Green (13%)
- Blue (41%)



- Red (25%)
- Yellow (13%)
- Blue (41%)



- Cyan (38%)
- Magenta (70%)
- Yellow (0%)
- Black (59%)



- Cyan (75%)
- Magenta (87%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YUV color 50.1890, 27.0218, 12.9892 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 50.1890, 27.0218, 12.9892 by changing the saturation by 10% instead.

■ 50.1890, 27.0218,
12.9892

■ 50.1890, 27.0218,
12.9892

■ 255.0000, 0.0000,
0.0000

■ 26.3630, 26.4430,
11.9596

■ 98.9550, 28.6162,
14.9485

■ 12.7770, 21.8019,
7.2116

■ 124.1940, 29.4844,
16.4929

■ 5.1640, 14.7091,
-4.5288

■ 150.7210, 30.2105,
16.9077

■ 1.0260, 3.9312,
-0.8998


■ 177.5470, 30.7893,
17.9373


■ 0.0000, 0.0000,
0.0000


■ 203.7770, 25.2529,
20.3666


■ 228.5850, 13.0226,


23.1660


 245.0210, 4.9196,
8.7516


 50.1890, 27.0218,
12.9892


 50.1890, 27.0218,
12.9892


 42.5250, 30.8002,
14.4486


 58.4400, 22.9541,
11.0151


 34.2740, 34.8679,
16.4227


 66.1040, 19.1757,
9.5558

 26.9090, 38.4989,
18.4968

 74.0560, 15.2554,
6.9669

 26.0230, 38.9357,
18.3968

 81.7200, 11.4770,
5.5076

 89.9710, 7.4093,
3.5334

■ 97.6350, 3.6309,
2.0741

■ 105.5870, -0.2894,
-0.5148

■ 113.2510, -4.0677,
-1.9741

■ 121.5020, -8.1355,
-3.9483

Harmonies

Analogous

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



43.8450, 38.5304, -38.4521



50.1890, 27.0218, 12.9892



38.3360, 17.5824, 54.0793

Triad

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



50.1890, 27.0218, 12.9892



47.1120, -23.2262, 29.7198



44.7500, 8.9972, -39.2458

Complementary

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



50.1890, 27.0218, 12.9892



86.8110, -27.0218, -12.9892

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.



39.8310, -7.3117, -34.9318



50.1890, 27.0218, 12.9892



46.3600, -22.8555, 4.0693

Square

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



50.1890, 27.0218, 12.9892



39.3030, -19.3764, 54.9853



36.1170, -17.8057, -29.0436



48.6260, 23.8484, -42.6450

Rectangle

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



50.1890, 27.0218, 12.9892



38.2910, 5.7725, 62.0118



36.1170, -17.8057, -29.0436



43.2680, 3.3189, -37.9460

Sweetspot

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



50.1890, 27.0218, 12.9892



116.1930, 10.7509, 5.0927



63.8020, 20.3106, -27.8904



56.0310, 6.3937, 2.6038



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



50.1890, 27.0218, 12.9892



51.6580, 42.5666, 20.4709



60.9530, 21.7152, 35.1212



49.5810, 2.1786, 1.2445



29.1850, 43.2928, 20.8858



61.1190, 90.6533, 43.7456

Inverse Universe

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



58.3870, 6.7112, 40.8796



64.5670, 10.5665, 64.4007



76.0470, -21.7152, -35.1212



50.1360, 0.4260, 3.3887



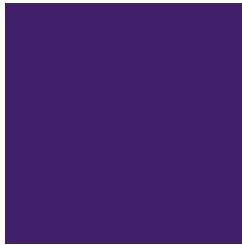
42.2790, 10.7085, 65.5303



88.5310, 22.4162, 137.2233

Previews

White Background



This preview shows how the YUV color 50.1890, 27.0218, 12.9892 looks on a white background.

Color Contrast Check

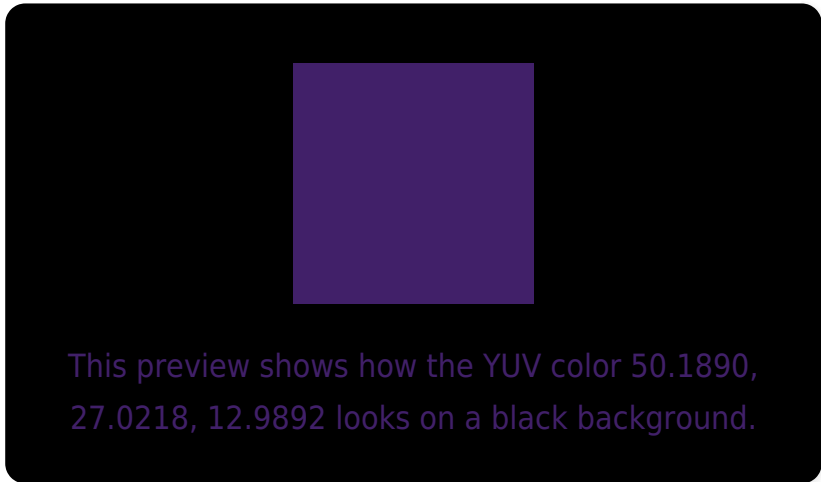
Large Text (above 18pt) WCAG AA ✓ Pass

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

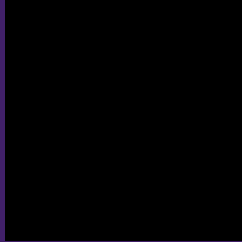
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 50.1890, 27.0218, 12.9892

Background



This preview shows how black text looks on a background with the YUV color 50.1890, 27.0218, 12.9892.



This preview shows how white text looks on a background with the YUV color 50.1890, 27.0218,

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

50.1890, 27.0218, 12.9892

Protanopia

40.5050, 30.8100, -35.5229

Tritanopia

50.9510, 1.0102, 2.6740

Trichromacy



Original Color

50.1890, 27.0218, 12.9892

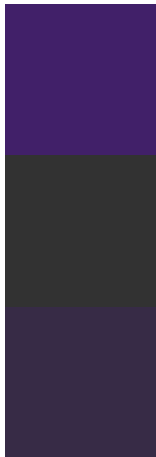
Protanomaly

44.2730, 29.4454, -17.7794

Tritanomaly

50.7910, 10.4560, 6.3223

Monochromacy



Original Color

50.1890, 27.0218, 12.9892

Achromatopsia

50.0000, 0.0000, 0.0000

Achromatomaly

49.6660, 10.0247, 4.6779

CSS Examples

Text

The CSS property to change the color of the text to YUV 50.1890, 27.0218, 12.9892 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(65, 32, 105)` looks like.

```
.text, #text, p{  
    color:rgb(65, 32, 105)  
}
```

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(65, 32, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 32, 105) }
```

Border

The CSS property to change the border of an element to YUV 50.1890, 27.0218, 12.9892 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(65, 32, 105) }
```

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

```
.border{ border-color:rgb(65, 32, 105) }
```

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

Here you see how a box with a 4 pixel rgb(65, 32, 105) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 32, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 32, 105);  
box-shadow:4px 4px 4px 4px rgb(65, 32,  
105) }
```


Background

The CSS property to change the background color of an element to YUV 50.1890, 27.0218, 12.9892 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 32, 105) }
```

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

```
.background{ background-color: rgb(65, 32,  
105) }
```

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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