

Converting Colors

YUV(20.7890, 53.8410, -2.4460)

Have a look what the booklet for
YUV(20.7890, 53.8410, -2.4460)
contains.

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Color

**YUV(20.7890, 53.8410,
-2.4460)**

Conversions

Conversions Part 1

Format	Color
Hex	120182
RGB	18, 1, 130
RGB Percent	7%, 0%, 51%
CMY	0.9294, 0.9961, 0.4902
CMYK	0.86, 0.99, 0.00, 0.49
HSL	248°, 98%, 26%
HSV	248°, 99%, 51%
XYZ	4.2896, 1.7620, 21.2331
YIQ	20.7890, -31.2770, 43.7230

Conversions

Conversions Part 2

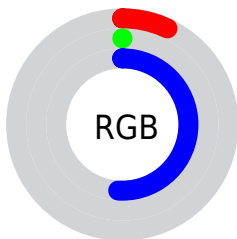
Format	Color
R_{YB}	18, 1, 130
Decimal	1180034
CIE _{Lab}	14.19, 47.91, -63.94
CIE _{LCh}	14, 79.894, 306.845
Yxy	1.7620, 0.1572, 0.0646
Android (android.graphics.Color)	4279370114 (0xFF120182)
YUV	20.7890, 53.8410, -2.4460
Hunter-Lab	13.2741, 34.4534, -85.5479

Details

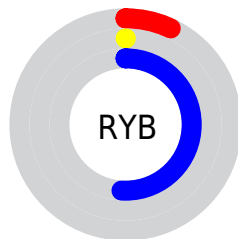
The YUV color **20.7890, 53.8410, -2.4460** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **110.2110, -53.8410, 2.4460**, and the grayscale version is **20.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **78.6980, 51.9139, 9.0349**, and **9.0060, 34.5070, -7.8983** is the 20% darker color. If you saturate the color by 10%, you get **19.9030, 54.2778, -2.5459**, and if you desaturate by 10%, it is **31.7090, 48.4575, -2.3758**.

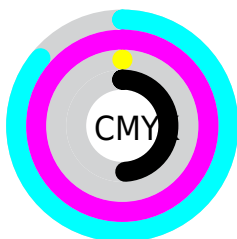
Distribution



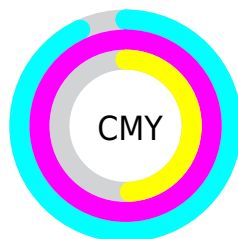
- Red (7%)
- Green (0%)
- Blue (51%)



- Red (7%)
- Yellow (0%)
- Blue (51%)



- Cyan (86%)
- Magenta (99%)
- Yellow (0%)
- Black (49%)



- Cyan (93%)
- Magenta (100%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 20.7890, 53.8410, -2.4460 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 20.7890, 53.8410, -2.4460 by changing the saturation by 10% instead.

■ 20.7890, 53.8410,
-2.4460

■ 20.7890, 53.8410,
-2.4460

■ 245.6080, 4.6303,
8.2368

■ 11.8560, 45.4270,
-10.3977

■ 78.6980, 51.9139,
9.0349

■ 9.0060, 34.5070,
-7.8983

■ 104.7630, 53.3608,
11.6088

■ 9.2050, 22.5769,
-8.0728

■ 131.3010, 54.0816,
13.7680

■ 4.9360, 13.8356,
-4.3289

■ 156.8300, 48.3978,
16.8121


■ 0.5700, 2.1840,
-0.4999


■ 181.3500, 36.3095,
20.7411


■ 0.0000, 0.0000,
0.0000


■ 206.1690, 24.0737,


25.2848


 228.5850, 13.0226,
23.1660


 20.7890, 53.8410,
-2.4460


 20.7890, 53.8410,
-2.4460


 19.9030, 54.2778,
-2.5459

 31.7090, 48.4575,
-2.3758

 42.9280, 42.9265,
-1.6909

 53.8480, 37.5429,
-1.6207

 64.7680, 32.1594,
-1.5505

 75.6880, 26.7758,
-1.4804

■ 86.9070, 21.2448,
-0.7954

■ 97.8270, 15.8613,
-0.7253

■ 108.7470, 10.4777,
-0.6551

■ 119.9660, 4.9468,
0.0298

Harmonies

Analogous

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



43.9710, 54.2443, -38.5626



20.7890, 53.8410, -2.4460



40.7430, 20.3397, 56.3534

Triad

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



20.7890, 53.8410, -2.4460



27.4310, -13.5235, 44.3490



35.9960, 5.9180, -31.5685

Complementary

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



20.7890, 53.8410, -2.4460



110.2110, -53.8410, 2.4460

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.



29.9370, -14.7589, -26.2547



20.7890, 53.8410, -2.4460



33.0590, -16.2981, 0.8253

Square

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



20.7890, 53.8410, -2.4460



32.5910, -16.0674, 67.0107



28.1760, -13.8908, -24.7104



44.2550, 29.9473, -38.8116

Rectangle

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



20.7890, 53.8410, -2.4460



41.0100, 1.9671, 69.2742



28.1760, -13.8908, -24.7104



33.2430, -2.0918, -29.1541

Sweetspot

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



20.7890, 53.8410, -2.4460



125.4940, 20.9555, -1.3102



82.6240, 23.3564, -71.5842



58.6160, 12.5143, -0.5402



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



20.7890, 53.8410, -2.4460



25.7300, 70.1391, -3.2712



39.6260, 44.5544, 36.2850



58.0970, 2.9102, -0.0851



19.6750, 53.4042, -2.3460



0.0000, 0.0000, 0.0000

Inverse Universe

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



52.3390, 29.9059, 68.1087



66.8760, 39.0081, 88.6857



91.3740, -44.5544, -36.2850



59.7770, 1.5889, 3.7036



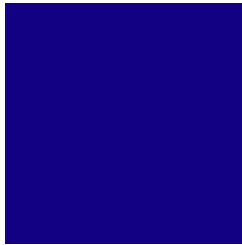
50.9260, 29.6165, 67.5939



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 20.7890, 53.8410, -2.4460 looks on a white background.

Color Contrast Check

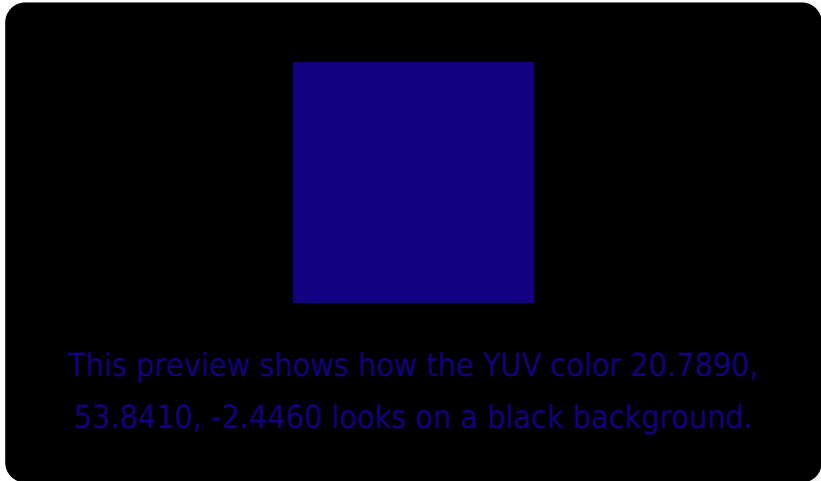
Large Text (above 18pt) WCAG AA ✓ Pass

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

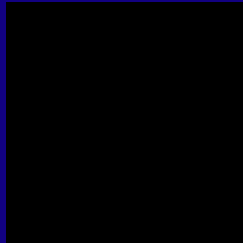
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 20.7890, 53.8410, -2.4460

Background



This preview shows how black text looks on a background with the YUV color 20.7890, 53.8410, -2.4460.



This preview shows how white text looks on a background with the YUV color 20.7890, 53.8410,

-2.4460.

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

20.7890, 53.8410, -2.4460

Protanopia

32.1270, 24.0944, -28.1754

Deuteranopia

31.9330, 18.2740, -28.0052



Tritanopia

31.1860, 7.7963, -27.3501

Trichromacy



Original Color

20.7890, 53.8410, -2.4460

Protanomaly

28.0540, 34.9764, -18.4644

Deuteranomaly

27.7290, 31.1926, -18.1793

Tritanomaly

27.3070, 24.4986, -17.8092

Monochromacy



Original Color

20.7890, 53.8410, -2.4460

Achromatopsia

21.0000, 0.0000, 0.0000

Achromatomaly

21.1520, 19.6451, -1.0103

CSS Examples

Text

The CSS property to change the color of the text to YUV 20.7890, 53.8410, -2.4460 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(18, 1, 130)` looks like.

```
.text, #text, p{  
    color:rgb(18, 1, 130)  
}
```

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(18, 1, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 1, 130) }
```

Border

The CSS property to change the border of an element to YUV 20.7890, 53.8410, -2.4460 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(18, 1, 130) }
```


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

```
.border{ border-color:rgb(18, 1, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(18, 1, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 1, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 1, 130);  
box-shadow:4px 4px 4px 4px rgb(18, 1, 130)  
}
```

Background

The CSS property to change the background color of an element to YUV 20.7890, 53.8410, -2.4460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 1, 130) }
```

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

```
.background{ background-color: rgb(18, 1,  
130) }
```

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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