

Converting Colors

YUV(12.2090, -3.5540, 19.9877)

Have a look what the booklet for
YUV(12.2090, -3.5540, 19.9877)
contains.

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Color

**YUV(12.2090, -3.5540,
19.9877)**

Conversions

Conversions Part 1

Format	Color
Hex	230205
RGB	35, 2, 5
RGB Percent	14%, 1%, 2%
CMY	0.8627, 0.9922, 0.9804
CMYK	0.00, 0.94, 0.86, 0.86
HSL	355°, 89%, 7%
HSV	355°, 94%, 14%
XYZ	0.7422, 0.4117, 0.1839
YIQ	12.2090, 18.7050, 7.9290

Conversions

Conversions Part 2

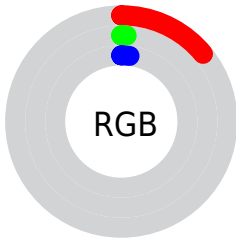
Format	Color
RYB	35, 2, 5
Decimal	2294277
CIELab	3.72, 14.38, 3.78
CIELCh	4, 14.864, 14.736
Yxy	0.4117, 0.5548, 0.3077
Android (android.graphics.Color)	4280484357 (0xFF230205)
YUV	12.2090, -3.5540, 19.9877
Hunter-Lab	6.4164, 9.4200, 2.7919

Details

The YUV color **12.2090, -3.5540, 19.9877** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **24.7910, 3.5540, -19.9877**, and the grayscale version is **12.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **57.6110, -3.2592, 18.7582**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **10.8070, -3.8489, 21.2173**, and if you desaturate by 10%, it is **14.8990, -3.4012, 17.6286**.

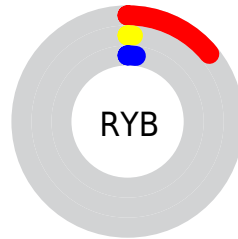
Distribution



Red (14%)

Green (1%)

Blue (2%)



Red (14%)

Yellow (1%)

Blue (2%)

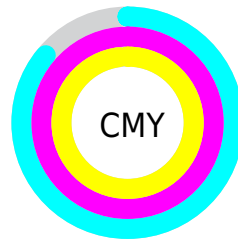


Cyan (0%)

Magenta (94%)

Yellow (86%)

Black (86%)



Cyan (86%)

Magenta (99%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the YUV color 12.2090, -3.5540, 19.9877 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 12.2090, -3.5540, 19.9877 by changing the saturation by 10% instead.

■ 12.2090, -3.5540,
19.9877

■ 12.2090, -3.5540,
19.9877

■ 235.7140, -2.8170,
16.9138

■ 0.0000, 0.0000,
0.0000

■ 57.6110, -3.2592,
18.7582

■ 80.9100, -3.4066,
19.3729

■ 105.5080, -3.7014,
20.6025

■ 130.1060, -3.9963,
21.8320

■ 156.4050, -4.1437,
22.4468

■ 183.7040, -4.2911,

23.0616

■ 211.3020, -4.5859,
24.2911

■ 12.2090, -3.5540,
19.9877

■ 12.2090, -3.5540,
19.9877

■ 10.8070, -3.8489,
21.2173

■ 14.8990, -3.4012,
17.6286

■ 17.0020, -2.9590,
15.7842

■ 19.8060, -2.3694,
13.3251

■ 21.9090, -1.9271,
11.4808

■ 24.5990, -1.7743,
9.1217

■ 26.7020, -1.3321,
7.2773

■ 29.3920, -1.1793,
4.9182

■ 31.4950, -0.7370,
3.0739

■ 34.2990, -0.1474,
0.6148

Harmonies

Analogous

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



13.6090, 3.1508, 16.1289



12.2090, -3.5540, 19.9877



12.5030, -6.1640, 17.0989

Triad

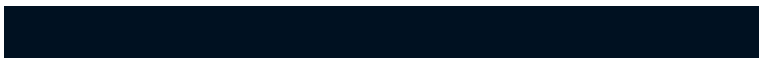
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



12.2090, -3.5540, 19.9877



11.1530, -5.4984, -9.7812



13.7410, 9.4947, -12.0509

Complementary

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



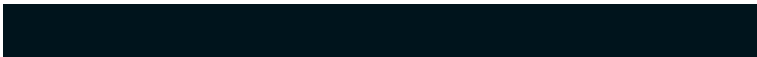
12.2090, -3.5540, 19.9877



24.7910, 3.5540, -19.9877

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.



14.9320, 6.4425, -13.0954



12.2090, -3.5540, 19.9877



12.6690, -4.7668, -11.1107

Square

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



12.2090, -3.5540, 19.9877



12.0940, -5.9623, -0.9594



14.4930, 2.2220, -12.7104



12.4150, 10.6414, -6.5030

Rectangle

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



12.2090, -3.5540, 19.9877



13.0680, -6.4425, 13.0954



14.4930, 2.2220, -12.7104



14.2140, 8.7685, -12.4657

Sweetspot

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



12.2090, -3.5540, 19.9877



37.0010, -1.4795, 7.8921



14.7320, 9.9921, 15.1440



17.5060, -0.7425, 4.8182



150.0000, 0.0000, 0.0000



23.0000, 0.0000, 0.0000

Same Dimension

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



12.2090, -3.5540, 19.9877



14.2100, -5.0335, 27.8798



19.4980, -8.6265, 13.5953



16.5980, -0.2948, 1.2296



25.3160, -9.0298, 49.7119



64.6570, -22.5089, 126.5888

Inverse Universe

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



12.2090, -3.5540, 19.9877



14.2100, -5.0335, 27.8798



17.5020, 8.6265, -13.5953



16.5980, -0.2948, 1.2296



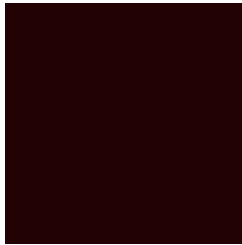
25.3160, -9.0298, 49.7119



64.6570, -22.5089, 126.5888

Previews

White Background



This preview shows how the YUV color 12.2090, -3.5540, 19.9877 looks on a white background.

Color Contrast Check

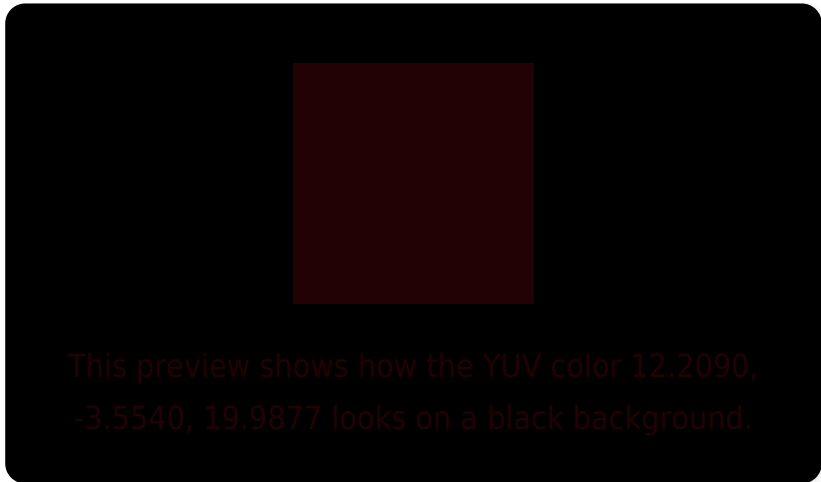
Large Text (above 18pt) WCAG AA ✓ Pass

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

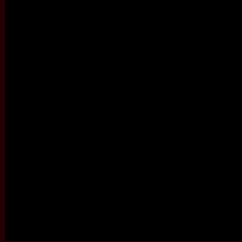
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 12.2090, -3.5540, 19.9877

Background



This preview shows how black text looks on a background with the YUV color 12.2090, -3.5540, 19.9877.



This preview shows how white text looks on a background with the YUV color 12.2090, -3.5540,

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

12.2090, -3.5540, 19.9877

Protanopia

17.4580, -4.6628, 2.2293

Deuteranopia

16.5570, -8.1626, 4.7735



Tritanopia

12.2260, -6.0274, 19.9728

Trichromacy



Original Color

12.2090, -3.5540, 19.9877

Protanomaly

15.3170, -4.1003, 8.4920

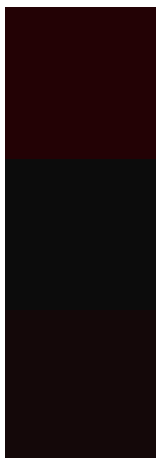
Deuteranomaly

15.3450, -6.5791, 10.2214

Tritanomaly

12.4540, -5.1538, 19.7728

Monochromacy



Original Color

12.2090, -3.5540, 19.9877

Achromatopsia

12.0000, 0.0000, 0.0000

Achromatomaly

11.7020, -1.3321, 7.2773

CSS Examples

Text

The CSS property to change the color of the text to YUV 12.2090, -3.5540, 19.9877 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(35, 2, 5)` looks like.

```
.text, #text, p{  
    color:rgb(35, 2, 5)  
}
```

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(35, 2, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 2, 5) }
```

Border

The CSS property to change the border of an element to YUV 12.2090, -3.5540, 19.9877 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(35, 2, 5) }
```


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

```
.border{ border-color:rgb(35, 2, 5) }
```

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

Here you see how a box with a 4 pixel rgb(35, 2, 5) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 2, 5); -webkit-box-shadow:4px  
4px 4px 4px rgb(35, 2, 5); box-shadow:4px  
4px 4px 4px rgb(35, 2, 5) }
```

Background

The CSS property to change the background color of an element to YUV 12.2090, -3.5540, 19.9877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 2, 5) }
```

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

```
.background{ background-color: rgb(35, 2,  
5) }
```

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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