

Converting Colors

YUV(21.9090, -8.8291, -14.8292)

Have a look what the booklet for
YUV(21.9090, -8.8291, -14.8292)
contains.

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Color

**YUV(21.9090, -8.8291,
-14.8292)**

Conversions

Conversions Part 1

Format	Color
Hex	052204
RGB	5, 34, 4
RGB Percent	2%, 13%, 2%
CMY	0.9804, 0.8667, 0.9843
CMYK	0.85, 0.00, 0.88, 0.87
HSL	118°, 79%, 7%
HSV	118°, 88%, 13%
XYZ	0.6565, 1.1851, 0.3090
YIQ	21.9090, -7.6540, -15.4780

Conversions

Conversions Part 2

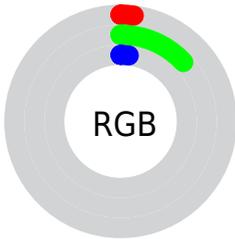
Format	Color
R_YB	4, 34, 33
Decimal	336388
CIE Lab	10.45, -18.14, 13.59
CIE LCh	10, 22.664, 143.150
Yxy	1.1851, 0.3053, 0.5510
Android (android.graphics.Color)	4278526468 (0xFF052204)
YUV	21.9090, -8.8291, -14.8292
Hunter-Lab	10.8862, -8.2857, 5.9374

Details

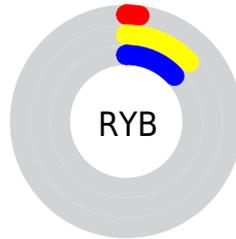
The YUV color **21.9090, -8.8291, -14.8292** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **16.0910, 8.8291, 14.8292**, and the grayscale version is **22.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **66.4250, -8.0975, -16.1587**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **20.6700, -9.6973, -16.3736**, and if you desaturate by 10%, it is **23.1480, -7.9610, -13.2848**.

Distribution



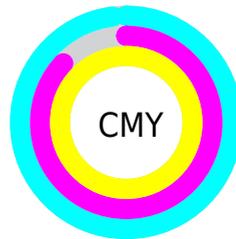
- Red (2%)
- Green (13%)
- Blue (2%)



- Red (2%)
- Yellow (13%)
- Blue (13%)



- Cyan (85%)
- Magenta (0%)
- Yellow (88%)
- Black (87%)



- Cyan (98%)
- Magenta (87%)
- Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the YUV color 21.9090, -8.8291, -14.8292 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 21.9090, -8.8291, -14.8292 by changing the saturation by 10% instead.

■ 21.9090, -8.8291,
-14.8292

■ 21.9090, -8.8291,
-14.8292

■ 244.5610, -7.6716,
-12.7700

■ 1.7610, -0.8682,
-1.5444

■ 66.4250, -8.0975,
-16.1587

■ 0.0000, 0.0000,
0.0000

■ 90.3110, -8.5343,
-16.0587

■ 114.7840, -9.2605,
-16.4736

■ 140.3710, -9.5499,
-16.9884

■ 166.9580, -9.8393,
-17.5032

■ 194.5450,

-10.1287, -18.0180

■ 222.4310,
-10.5655, -17.9180

■ 21.9090, -8.8291,
-14.8292

■ 21.9090, -8.8291,
-14.8292

■ 20.6700, -9.6973,
-16.3736

■ 23.1480, -7.9610,
-13.2848

■ 20.2570, -9.9867,
-16.8884

■ 24.8000, -6.8034,
-11.2256

■ 26.0390, -5.9352,
-9.6812

■ 27.3920, -4.6303,
-8.2368

■ 28.6310, -3.7621,
-6.6924

■ 30.1690, -3.0413,
-4.5332

■ 31.5220, -1.7363,
-3.0888

■ 32.7610, -0.8682,
-1.5444

■ 34.4130, 0.2894,
0.5148

Harmonies

Analogous

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



25.9710, -12.8037, 0.0254



21.9090, -8.8291, -14.8292



23.8680, 0.0651, -20.9322

Triad

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



21.9090, -8.8291, -14.8292



24.9230, 16.8000, -21.8575



26.7860, -5.3175, 25.6207

Complementary

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



21.9090, -8.8291, -14.8292



16.0910, 8.8291, 14.8292

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.



27.5390, 2.6923, 23.2063



21.9090, -8.8291, -14.8292



28.0390, 14.2778, -6.1732

Square

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



21.9090, -8.8291, -14.8292



26.0000, 13.3110, -22.8020



29.3680, 8.6926, 11.9553



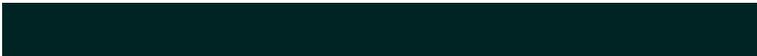
26.9890, -13.3056, 21.0576

Rectangle

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



21.9090, -8.8291, -14.8292



25.1220, 4.8699, -22.0320



29.3680, 8.6926, 11.9553



26.8830, -2.4073, 25.5356

Sweetspot

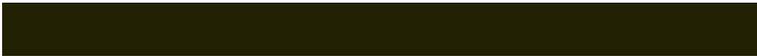
The Sweet Spot groups the original color and five complimentary colors.



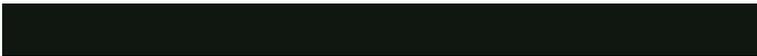
21.9090, -8.8291, -14.8292



38.4570, -3.1833, -5.6628



29.9930, -12.8145, 3.5141



20.1090, -2.0257, -3.6036



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.



21.9090, -8.8291, -14.8292



25.5400, -12.5912, -21.5216



23.2060, -2.5666, -16.8437



17.1740, -0.5788, -1.0296



49.0310, -24.1723, -40.3692



124.7760, -61.5146, -103.2896

Inverse Universe

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



16.0910, 8.8291, 14.8292



17.4600, 12.5912, 21.5216



14.7940, 2.5666, 16.8437



16.8260, 0.5788, 1.0296



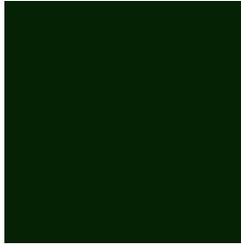
32.9690, 24.1723, 40.3692



84.2240, 61.5146, 103.2896

Previews

White Background



This preview shows how the YUV color 21.9090, -8.8291, -14.8292 looks on a white background.

Color Contrast Check

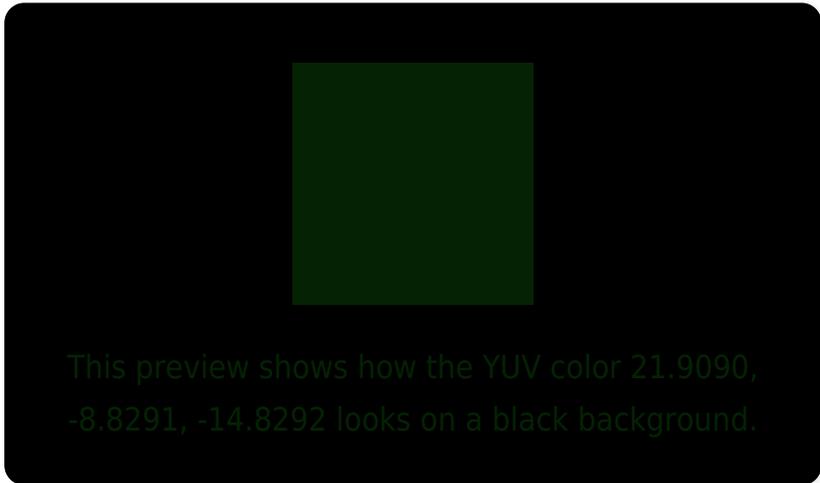
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.9090, -8.8291, -14.8292

Background



This preview shows how black text looks on a background with the YUV color 21.9090, -8.8291, -14.8292.



This preview shows how white text looks on a background with the YUV color 21.9090, -8.8291,

-14.8292.

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

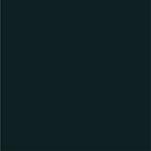
21.9090, -8.8291, -14.8292

Protanopia

27.1180, -12.3832, 5.1585

Deuteranopia

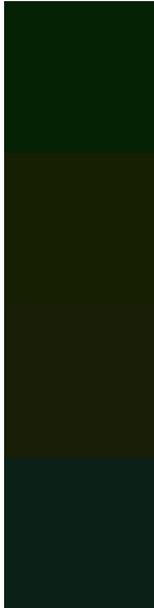
28.4110, -10.0626, 7.5326



Tritanopia

27.1450, 3.3795, -10.6512

Trichromacy



Original Color

21.9090, -8.8291, -14.8292

Protanomaly

25.4160, -11.0511, -2.1188

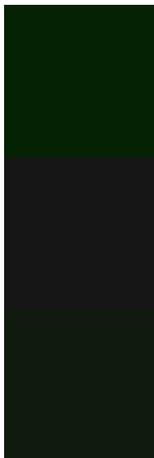
Deuteranomaly

25.8830, -9.3093, -0.7744

Tritanomaly

25.2820, -1.1250, -12.5253

Monochromacy



Original Color

21.9090, -8.8291, -14.8292

Achromatopsia

22.0000, 0.0000, 0.0000

Achromatomaly

21.7560, -3.3307, -5.0480

CSS Examples

Text

The CSS property to change the color of the text to YUV 21.9090, -8.8291, -14.8292 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(5, 34, 4)` looks like.

```
.text, #text, p{  
    color:rgb(5, 34, 4)  
}
```

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(5, 34, 4) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 34, 4) }
```

Border

The CSS property to change the border of an element to YUV 21.9090, -8.8291, -14.8292 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(5, 34, 4) }
```

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

```
.border{ border-color:rgb(5, 34, 4) }
```

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

Here you see how a box with a 4 pixel rgb(5, 34, 4) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 34, 4); -webkit-box-shadow:4px  
4px 4px 4px rgb(5, 34, 4); box-shadow:4px  
4px 4px 4px rgb(5, 34, 4) }
```

Background

The CSS property to change the background color of an element to YUV 21.9090, -8.8291, -14.8292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 34, 4) }
```

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

```
.background{ background-color: rgb(5, 34,  
4) }
```

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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