

Converting Colors

YUV(17.4210, -5.1376, 14.5398)

Have a look what the booklet for
YUV(17.4210, -5.1376, 14.5398)
contains.

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Color

**YUV(17.4210, -5.1376,
14.5398)**

Conversions

Conversions Part 1

Format	Color
Hex	220B07
RGB	34, 11, 7
RGB Percent	13%, 4%, 3%
CMY	0.8667, 0.9569, 0.9725
CMYK	0.00, 0.68, 0.79, 0.87
HSL	9°, 66%, 8%
HSV	9°, 79%, 13%
XYZ	0.8177, 0.5948, 0.2727
YIQ	17.4210, 14.9920, 3.6320

Conversions

Conversions Part 2

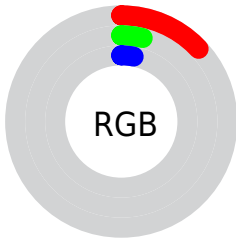
Format	Color
RYB	34, 12, 7
Decimal	2231047
CIELab	5.37, 10.34, 5.36
CIElCh	5, 11.647, 27.412
Yxy	0.5948, 0.4852, 0.3529
Android (android.graphics.Color)	4280421127 (0xFF220B07)
YUV	17.4210, -5.1376, 14.5398
Hunter-Lab	7.7121, 5.4301, 3.3019

Details

The YUV color **17.4210, -5.1376, 14.5398** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **23.5790, 5.1376, -14.5398**, and the grayscale version is **17.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **60.9480, -4.4114, 14.9546**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **15.3180, -5.5798, 16.3841**, and if you desaturate by 10%, it is **19.5240, -4.6953, 12.6955**.

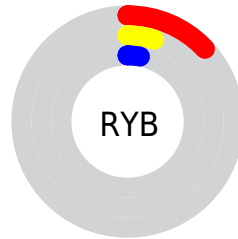
Distribution



Red (13%)

Green (4%)

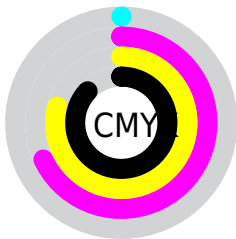
Blue (3%)



Red (13%)

Yellow (5%)

Blue (3%)

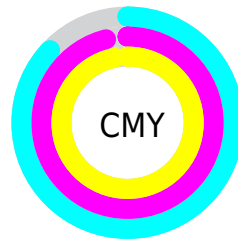


Cyan (0%)

Magenta (68%)

Yellow (79%)

Black (87%)



Cyan (87%)

Magenta (96%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the YUV color 17.4210, -5.1376, 14.5398 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 17.4210, -5.1376, 14.5398 by changing the saturation by 10% instead.

■ 17.4210, -5.1376,
14.5398

■ 17.4210, -5.1376,
14.5398

■ 240.6380, -4.2585,
12.5955

■ 0.0000, 0.0000,
0.0000

■ 60.9480, -4.4114,
14.9546

■ 84.2470, -4.5588,
15.5694


■ 108.8450, -4.8536,
16.7989


■ 134.1440, -5.0010,
17.4137


■ 160.4430, -5.1484,
18.0285


■ 187.6280, -5.7326,


18.7432


 215.0410, -5.4432,
19.2580


 17.4210, -5.1376,
14.5398


 17.4210, -5.1376,
14.5398


 15.3180, -5.5798,
16.3841


 19.5240, -4.6953,
12.6955

 13.1010, -6.4588,
18.3284

 21.7410, -3.8163,
10.7511

 23.8440, -3.3741,
8.9068

 26.0610, -2.4951,
6.9625

 27.5770, -1.7635,
5.6330

■ 29.6800, -1.3212,
3.7886

■ 31.8970, -0.4422,
1.8443

■ 34.0000, 0.0000,
0.0000

■ 36.2170, 0.8790,
-1.9443

Harmonies

Analogous

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



18.4900, 0.2514, 12.7253



17.4210, -5.1376, 14.5398



17.1990, -8.4791, 12.9805

Triad

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



17.4210, -5.1376, 14.5398



13.6690, -4.7668, -11.1107



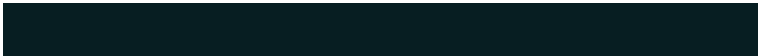
15.8120, 8.4737, -11.2361

Complementary

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



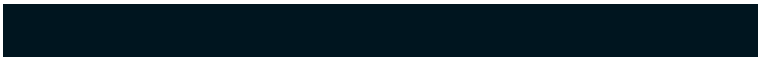
17.4210, -5.1376, 14.5398



23.5790, 5.1376, -14.5398

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.



15.8610, 7.4635, -13.9101



17.4210, -5.1376, 14.5398



15.4390, 0.7696, -13.5400

Square

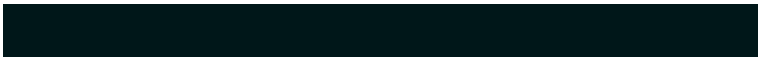
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



17.4210, -5.1376, 14.5398



16.2250, -7.9989, -1.0743



16.3510, 4.2640, -14.3398



18.7210, 6.5465, 0.2447

Rectangle

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



17.4210, -5.1376, 14.5398



17.4650, -8.6102, 8.3622



16.3510, 4.2640, -14.3398



15.5020, 8.6265, -13.5953

Sweetspot

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



17.4210, -5.1376, 14.5398



36.5770, -1.7635, 5.6330



17.6950, 6.0664, 14.2995



18.6800, -1.3212, 3.7886



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.



17.4210, -5.1376, 14.5398



17.7810, -7.7800, 22.1171



25.0520, -8.8996, 7.8474



16.5980, -0.2948, 1.2296



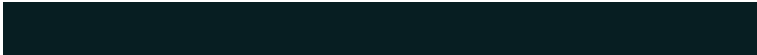
31.5620, -15.5601, 44.2341



80.6880, -39.7792, 112.5296

Inverse Universe

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



23.5790, 5.1376, -14.5398



27.2190, 7.7800, -22.1171



15.9480, 8.8996, -7.8474



17.4020, 0.2948, -1.2296



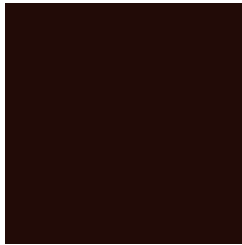
50.4380, 15.5601, -44.2341



128.3120, 39.7792, -112.5296

Previews

White Background



This preview shows how the YUV color 17.4210, -5.1376, 14.5398 looks on a white background.

Color Contrast Check

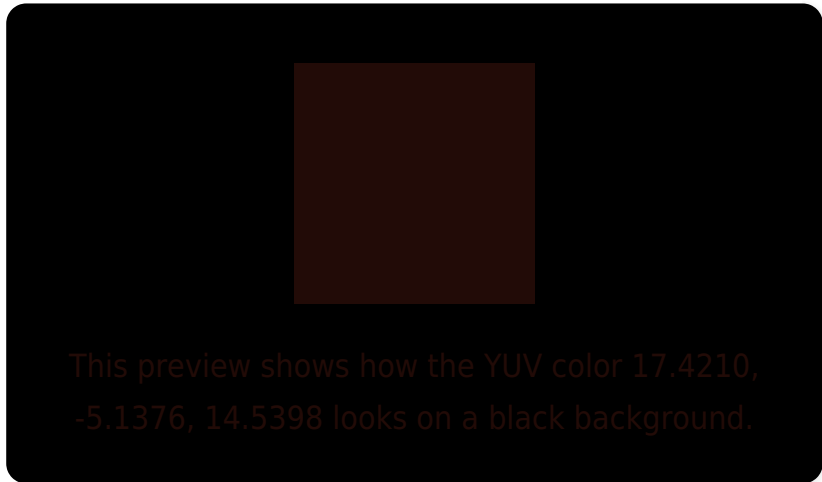
Large Text (above 18pt) WCAG AA ✓ Pass

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

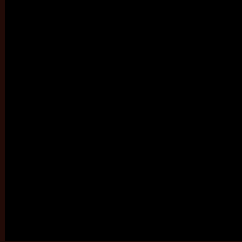
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 17.4210, -5.1376, 14.5398

Background



This preview shows how black text looks on a background with the YUV color 17.4210, -5.1376, 14.5398.



This preview shows how white text looks on a background with the YUV color 17.4210, -5.1376, 14.5398.

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

17.4210, -5.1376, 14.5398

Protanopia

18.4580, -4.6628, 2.2293

Deuteranopia

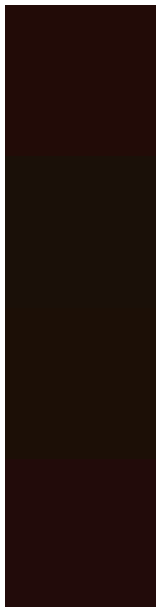
18.3120, -6.5628, 4.9884



Tritanopia

17.8770, -3.3904, 14.1399

Trichromacy



Original Color

17.4210, -5.1376, 14.5398

Protanomaly

18.0780, -4.9685, 6.9476

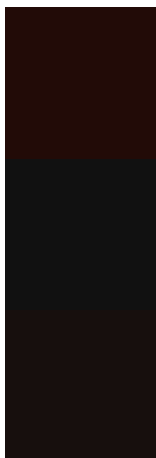
Deuteranomaly

17.8610, -5.8475, 8.8919

Tritanomaly

17.7630, -3.8272, 14.2398

Monochromacy



Original Color

17.4210, -5.1376, 14.5398

Achromatopsia

17.0000, 0.0000, 0.0000

Achromatomaly

17.1640, -2.0529, 5.1182

CSS Examples

Text

The CSS property to change the color of the text to YUV 17.4210, -5.1376, 14.5398 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(34, 11, 7)` looks like.

```
.text, #text, p{  
    color:rgb(34, 11, 7)  
}
```

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(34, 11, 7) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 11, 7) }
```

Border

The CSS property to change the border of an element to YUV 17.4210, -5.1376, 14.5398 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(34, 11, 7) }
```


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

```
.border{ border-color:rgb(34, 11, 7) }
```

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

Here you see how a box with a 4 pixel `rgb(34, 11, 7)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 11, 7); -webkit-box-shadow:4px  
4px 4px 4px rgb(34, 11, 7); box-shadow:4px  
4px 4px 4px rgb(34, 11, 7) }
```

Background

The CSS property to change the background color of an element to YUV 17.4210, -5.1376, 14.5398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 11, 7) }
```

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

```
.background{ background-color: rgb(34, 11,  
7) }
```

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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