

Converting Colors

YUV(24.2240, -6.5194, -8.9664)

Have a look what the booklet for
YUV(24.2240, -6.5194, -8.9664)
contains.

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Color

**YUV(24.2240, -6.5194,
-8.9664)**

Conversions

Conversions Part 1

Format	Color
Hex	0E200B
RGB	14, 32, 11
RGB Percent	5%, 13%, 4%
CMY	0.9451, 0.8745, 0.9569
CMYK	0.56, 0.00, 0.66, 0.87
HSL	111°, 49%, 8%
HSV	111°, 66%, 13%
XYZ	0.7580, 1.1505, 0.4987
YIQ	24.2240, -3.9870, -10.3470

Conversions

Conversions Part 2

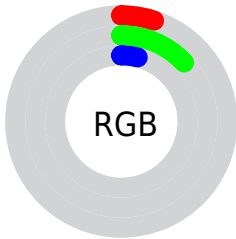
Format	Color
RYB	11, 32, 29
Decimal	925707
CIELab	10.19, -12.86, 10.43
CIELCh	10, 16.558, 140.954
Yxy	1.1505, 0.3149, 0.4779
Android (android.graphics.Color)	4279115787 (0xFF0E200B)
YUV	24.2240, -6.5194, -8.9664
Hunter-Lab	10.7264, -6.1567, 4.7517

Details

The YUV color **24.2240, -6.5194, -8.9664** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **18.7760, 6.5194, 8.9664**, and the grayscale version is **24.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **67.5120, -6.6614, -10.0960**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **22.9850, -7.3876, -10.5108**, and if you desaturate by 10%, it is **25.4630, -5.6513, -7.4221**.

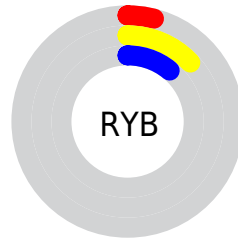
Distribution



Red (5%)

Green (13%)

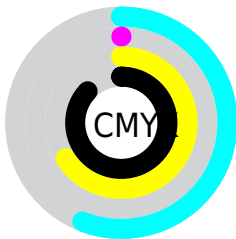
Blue (4%)



Red (4%)

Yellow (13%)

Blue (11%)

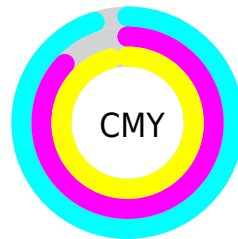


Cyan (56%)

Magenta (0%)

Yellow (66%)

Black (87%)



Cyan (95%)

Magenta (87%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the YUV color 24.2240, -6.5194, -8.9664 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 24.2240, -6.5194, -8.9664 by changing the saturation by 10% instead.

■ 24.2240, -6.5194,
-8.9664

■ 24.2240, -6.5194,
-8.9664

■ 247.6370, -6.2300,
-8.4516

■ 0.5870, -0.2894,
-0.5148

■ 67.5120, -6.6614,
-10.0960

■ 0.0000, 0.0000,
0.0000

■ 91.0990, -6.9508,
-10.6108

■ 115.6860, -7.2402,
-11.1256

■ 141.5720, -7.6770,
-11.0256

■ 168.1590, -7.9664,
-11.5404

■ 195.1590, -7.9664,

-11.5404

■ 223.4470, -8.1084,
-12.6700

■ 24.2240, -6.5194,
-8.9664

■ 24.2240, -6.5194,
-8.9664

■ 22.9850, -7.3876,
-10.5108

■ 25.4630, -5.6513,
-7.4221

■ 22.0450, -8.4032,
-11.4405

■ 26.4030, -4.6357,
-6.4924

■ 20.6920, -9.7082,
-12.8849

■ 27.7560, -3.3307,
-5.0480

■ 20.2790, -9.9975,
-13.3997

■ 28.9950, -2.4625,
-3.5036

■ 30.2340, -1.5944,
-1.9592

■ 31.1740, -0.5788,
-1.0296

■ 32.4130, 0.2894,
0.5148

■ 33.7660, 1.5944,
1.9592

■ 35.0050, 2.4625,
3.5036

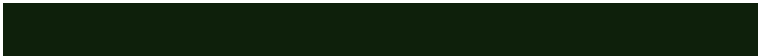
Harmonies

Analogous

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



25.3950, -12.5197, 2.2846



24.2240, -6.5194, -8.9664



22.1070, 0.9332, -19.3878

Triad

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



24.2240, -6.5194, -8.9664



23.3100, 13.1582, -20.4429



28.0840, -3.9854, 18.3433

Complementary

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



24.2240, -6.5194, -8.9664



18.7760, 6.5194, 8.9664

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.



28.8540, 1.5510, 15.9140



24.2240, -6.5194, -8.9664



27.7250, 10.4886, -4.1438

Square

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



24.2240, -6.5194, -8.9664



23.9140, 10.3954, -20.9726



29.0640, 6.3774, 7.8369



27.3520, -10.5265, 16.3543

Rectangle

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



24.2240, -6.5194, -8.9664



23.6060, 4.1382, -20.7025



29.0640, 6.3774, 7.8369



27.9530, -1.9488, 18.4582

Sweetspot

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



24.2240, -6.5194, -8.9664



37.9950, -2.4625, -3.5036



27.8450, -8.3046, 3.6439



18.3480, -1.1576, -2.0592



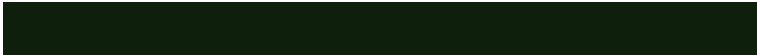
148.0000, 0.0000, 0.0000



20.0000, 0.0000, 0.0000

Same Dimension

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



24.2240, -6.5194, -8.9664



28.9800, -9.8501, -14.0145



24.1250, -3.0196, -11.5106



14.5870, -0.2894, -0.5148



49.6620, -24.4834, -33.9066



130.4790, -64.3261, -88.1201

Inverse Universe

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



18.7760, 6.5194, 8.9664



20.7210, 9.9975, 13.3997



18.8750, 3.0196, 11.5106



14.4130, 0.2894, 0.5148



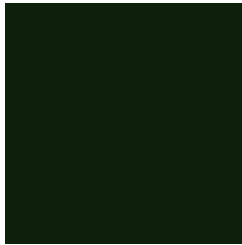
29.3380, 24.4834, 33.9066



76.5210, 64.3261, 88.1201

Previews

White Background



This preview shows how the YUV color 24.2240, -6.5194, -8.9664 looks on a white background.

Color Contrast Check

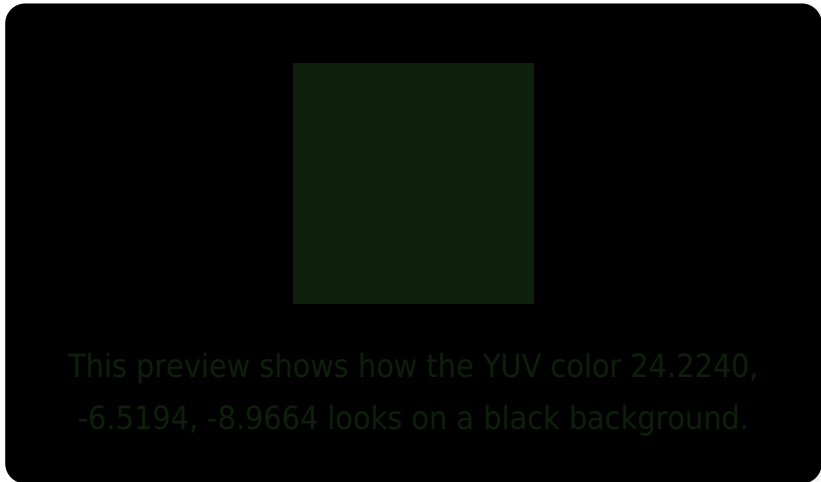
Large Text (above 18pt) WCAG AA ✓ Pass

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

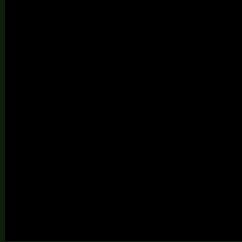
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

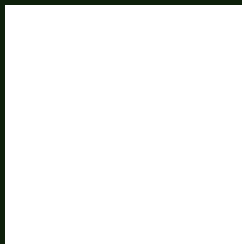
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 24.2240, -6.5194, -8.9664

Background



This preview shows how black text looks on a background with the YUV color 24.2240, -6.5194, -8.9664.



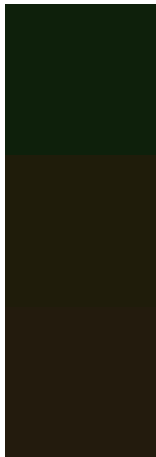
This preview shows how white text looks on a background with the YUV color 24.2240, -6.5194, -8.9664.

-8.9664.

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

24.2240, -6.5194, -8.9664

Protanopia

26.8450, -8.3046, 3.6439

Deuteranopia

27.7960, -7.2944, 6.3179



Tritanopia

26.6400, 2.6425, -7.5773

Trichromacy



Original Color

24.2240, -6.5194, -8.9664

Protanomaly

25.6380, -7.7095, -0.5595

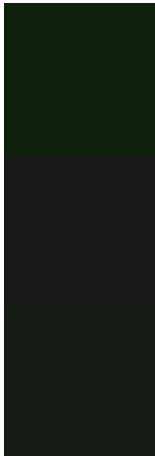
Deuteranomaly

26.4640, -7.1308, 0.4701

Tritanomaly

26.0160, -0.9939, -7.9070

Monochromacy



Original Color

24.2240, -6.5194, -8.9664

Achromatopsia

24.0000, 0.0000, 0.0000

Achromatomaly

23.9950, -2.4625, -3.5036

CSS Examples

Text

The CSS property to change the color of the text to YUV 24.2240, -6.5194, -8.9664 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(14, 32, 11)` looks like.

```
.text, #text, p{  
    color:rgb(14, 32, 11)  
}
```

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(14, 32, 11) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(14, 32, 11) }
```

Border

The CSS property to change the border of an element to YUV 24.2240, -6.5194, -8.9664 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(14, 32, 11) }
```


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

```
.border{ border-color:rgb(14, 32, 11) }
```

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

Here you see how a box with a 4 pixel rgb(14, 32, 11) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(14, 32, 11); -webkit-box-  
shadow:4px 4px 4px 4px rgb(14, 32, 11);  
box-shadow:4px 4px 4px 4px rgb(14, 32, 11)  
}
```

Background

The CSS property to change the background color of an element to YUV 24.2240, -6.5194, -8.9664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(14, 32, 11) }
```

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

```
.background{ background-color: rgb(14, 32,  
11) }
```

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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