

Converting Colors

YUV(49.2320, -21.8064,
41.0155)

Have a look what the booklet for
YUV(49.2320, -21.8064, 41.0155)
contains.

YUV(49.2320, -21.8064, 41.0155)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(49.2320, -21.8064,
41.0155)**

Conversions

Conversions Part 1

Format	Color
Hex	602205
RGB	96, 34, 5
RGB Percent	38%, 13%, 2%
CMY	0.6235, 0.8667, 0.9804
CMYK	0.00, 0.65, 0.95, 0.62
HSL	19°, 90%, 20%
HSV	19°, 95%, 38%
XYZ	5.4233, 3.6418, 0.5607
YIQ	49.2320, 46.2610, 4.1250

Conversions

Conversions Part 2

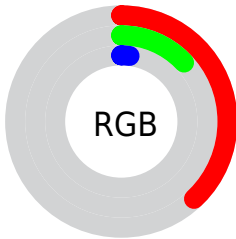
Format	Color
RYB	96, 48, 5
Decimal	6300165
CIELab	22.45, 26.76, 30.69
CIELCh	22, 40.715, 48.913
Yxy	3.6418, 0.5634, 0.3783
Android (android.graphics.Color)	4284490245 (0xFF602205)
YUV	49.2320, -21.8064, 41.0155
Hunter-Lab	19.0835, 17.3312, 11.6165

Details

The YUV color **49.2320, -21.8064, 41.0155** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **51.7680, 21.8064, -41.0155**, and the grayscale version is **49.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **98.8090, -23.5698, 46.6485**, and **13.1560, -6.4859, 27.0502** is the 20% darker color. If you saturate the color by 10%, you get **46.9010, -23.1222, 43.0598**, and if you desaturate by 10%, it is **54.4810, -19.4641, 36.4122**.

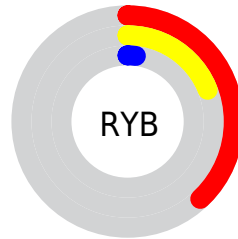
Distribution



Red (38%)

Green (13%)

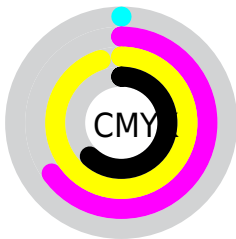
Blue (2%)



Red (38%)

Yellow (19%)

Blue (2%)

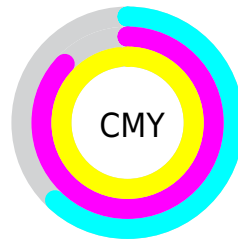


Cyan (0%)

Magenta (65%)

Yellow (95%)

Black (62%)



Cyan (62%)

Magenta (87%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the YUV color 49.2320, -21.8064, 41.0155 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 49.2320, -21.8064, 41.0155 by changing the saturation by 10% instead.

■ 49.2320, -21.8064,
41.0155

■ 49.2320, -21.8064,
41.0155

■ 252.3780,
-10.0464, 2.2995

■ 26.5010, -13.0650,
37.2716

■ 98.8090, -23.5698,
46.6485

■ 13.1560, -6.4859,
27.0502

■ 124.7770,
-25.0331, 49.3076

■ 0.0000, 0.0000,
0.0000


■ 150.8590,
-26.0595, 51.8667


■ 178.5280,
-27.3753, 53.9109


■ 201.8260,
-26.0432, 46.6336


■ 221.3400,


-22.3526, 29.5198


 241.4410,
-18.9514, 11.8912


 49.2320, -21.8064,
41.0155


 49.2320, -21.8064,
41.0155


 46.9010, -23.1222,
43.0598

 54.4810, -19.4641,
36.4122

 59.0290, -17.2693,
32.4236

 64.2780, -14.9271,
27.8202

 68.8260, -12.7322,
23.8316

 74.0750, -10.3900,
19.2282

■ 78.7370, -7.7583,
15.1397

■ 83.8720, -5.8529,
10.6363

■ 88.5340, -3.2213,
6.5477

■ 93.6690, -1.3158,
2.0443

Harmonies

Analogous

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



46.9510, -5.3988, 51.7860



49.2320, -21.8064, 41.0155



50.9000, -25.0937, 22.0127

Triad

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



49.2320, -21.8064, 41.0155



43.4160, -1.1911, -38.0758



48.6850, 31.2143, -25.1567

Complementary

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



49.2320, -21.8064, 41.0155



51.7680, 21.8064, -41.0155

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.



48.8030, 32.1421, -42.8002



49.2320, -21.8064, 41.0155



47.5370, 12.0603, -41.6899

Square

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



49.2320, -21.8064, 41.0155



39.0780, -15.3215, -32.5174



50.0280, 24.1432, -43.8746



54.5830, 19.4326, 20.5367

Rectangle

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



49.2320, -21.8064, 41.0155



49.9260, -24.6135, 7.9579



50.0280, 24.1432, -43.8746



45.2810, 33.8785, -39.7114

Sweetspot

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



49.2320, -21.8064, 41.0155



106.9220, -8.3425, 15.8544



39.2770, 13.6674, 49.7461



52.6870, -5.2687, 9.9215



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



49.2320, -21.8064, 41.0155



60.8550, -30.0015, 56.2552



75.6470, -34.8290, 17.8496



45.7830, -0.8790, 1.9443



54.6200, -26.9277, 50.3223



116.3720, -57.3714, 108.4218

Inverse Universe

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



51.7680, 21.8064, -41.0155



64.1450, 30.0015, -56.2552



25.3530, 34.8290, -17.8496



46.2170, 0.8790, -1.9443



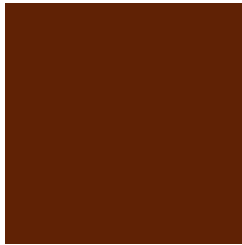
57.3800, 26.9277, -50.3223



123.0410, 57.6608, -107.9070

Previews

White Background



This preview shows how the YUV color 49.2320, -21.8064, 41.0155 looks on a white background.

Color Contrast Check

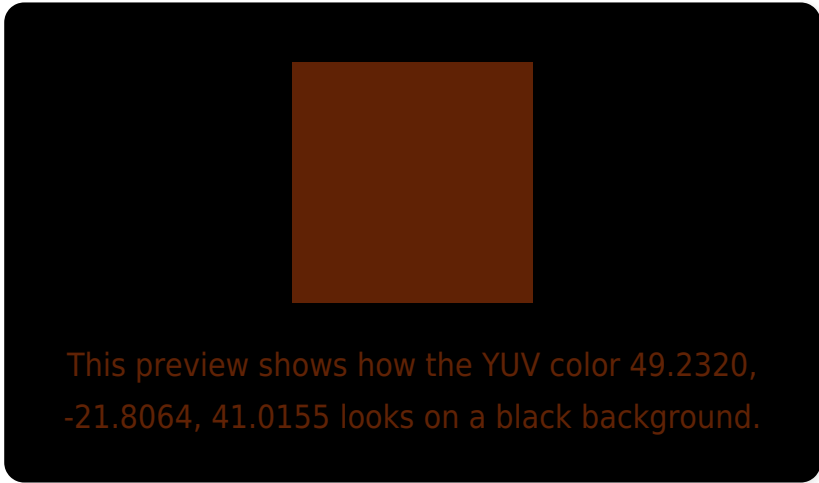
Large Text (above 18pt) WCAG AA ✓ Pass

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

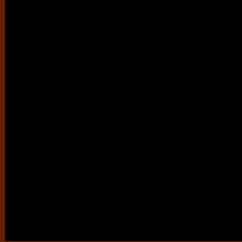
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 49.2320, -21.8064, 41.0155

Background



This preview shows how black text looks on a background with the YUV color 49.2320, -21.8064, 41.0155.



This preview shows how white text looks on a background with the YUV color 49.2320, -21.8064,

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

49.2320, -21.8064, 41.0155

Protanopia

52.0770, -20.2510, 8.7025

Deuteranopia

51.1550, -25.2194, 15.6501



Tritanopia

51.5490, -9.1447, 39.8605

Trichromacy



Original Color

49.2320, -21.8064, 41.0155

Protanomaly

50.7410, -20.5783, 20.3981

Deuteranomaly

50.2640, -23.7942, 25.2015

Tritanomaly

50.9960, -13.8020, 40.3455

Monochromacy



Original Color

49.2320, -21.8064, 41.0155

Achromatopsia

49.0000, 0.0000, 0.0000

Achromatomaly

49.3240, -8.0477, 14.6249

CSS Examples

Text

The CSS property to change the color of the text to YUV 49.2320, -21.8064, 41.0155 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(96, 34, 5)` looks like.

```
.text, #text, p{  
    color:rgb(96, 34, 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(96, 34, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 34, 5) }
```

Border

The CSS property to change the border of an element to YUV 49.2320, -21.8064, 41.0155 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(96, 34, 5) }
```


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

```
.border{ border-color:rgb(96, 34, 5) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 34, 5)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 34, 5); -webkit-box-shadow:4px  
4px 4px 4px rgb(96, 34, 5); box-shadow:4px  
4px 4px 4px rgb(96, 34, 5) }
```

Background

The CSS property to change the background color of an element to YUV 49.2320, -21.8064, 41.0155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 34, 5) }
```

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

```
.background{ background-color: rgb(96, 34,  
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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