

Converting Colors

YUV(64.4920, -22.9206,
25.0015)

Have a look what the booklet for
YUV(64.4920, -22.9206, 25.0015)
contains.

YUV(64.4920, -22.9206, 25.0015)	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(64.4920, -22.9206,
25.0015)**

Conversions

Conversions Part 1

Format	Color
Hex	5D3B12
RGB	93, 59, 18
RGB Percent	36%, 23%, 7%
CMY	0.6353, 0.7686, 0.9294
CMYK	0.00, 0.37, 0.81, 0.64
HSL	33°, 68%, 22%
HSV	33°, 81%, 36%
XYZ	6.1873, 5.4988, 1.3075
YIQ	64.4920, 33.4250, -5.5430

Conversions

Conversions Part 2

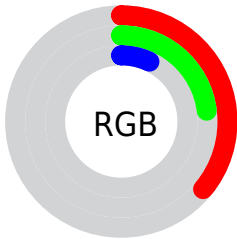
Format	Color
RYB	80, 93, 18
Decimal	6109970
CIELab	28.11, 11.00, 30.25
CIELCh	28, 32.193, 70.013
Yxy	5.4988, 0.4762, 0.4232
Android (android.graphics.Color)	4284300050 (0xFF5D3B12)
YUV	64.4920, -22.9206, 25.0015
Hunter-Lab	23.4494, 6.0624, 13.1086

Details

The YUV color **64.4920, -22.9206, 25.0015** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **46.5080, 22.9206, -25.0015**, and the grayscale version is **65.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **113.3570, -24.8260, 29.5049**, and **22.5370, -11.1107, 17.0691** is the 20% darker color. If you saturate the color by 10%, you get **61.1180, -25.6942, 27.9605**, and if you desaturate by 10%, it is **67.8660, -20.1469, 22.0425**.

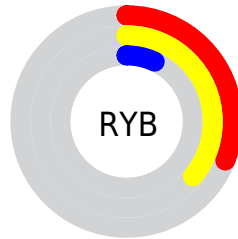
Distribution



Red (36%)

Green (23%)

Blue (7%)



Red (31%)

Yellow (36%)

Blue (7%)

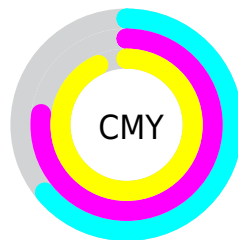


Cyan (0%)

Magenta (37%)

Yellow (81%)

Black (64%)



Cyan (64%)


Magenta (77%)


Yellow (93%)


Brightness & Saturation Gradients


These gradients show how the YUV color 64.4920, -22.9206, 25.0015 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 64.4920, -22.9206, 25.0015 by changing the saturation by 10% instead.


 64.4920, -22.9206,
25.0015

 64.4920, -22.9206,
25.0015


 254.2020, -3.0576,
0.6998


 42.0510, -20.7311,
22.7573

 113.3570,
-24.8260, 29.5049


 22.5370, -11.1107,
17.0691


 138.8410,
-25.5576, 30.8344

 2.0930, -1.0318,
4.3034

 166.2110,
-26.7260, 32.2640

 0.0000, 0.0000,
0.0000

 193.1080,
-27.1682, 34.1083

 219.3850,
-27.3048, 31.2344

 238.8990,

-23.6142, 14.1206

■ 250.8960,
-15.7247, 3.5992

■ 64.4920, -22.9206,
25.0015

■ 64.4920, -22.9206,
25.0015

■ 61.1180, -25.6942,
27.9605

■ 67.8660, -20.1469,
22.0425

■ 57.7440, -28.4678,
30.9195

■ 71.3540, -16.9365,
18.9835

■ 75.3150, -14.4523,
15.5097

■ 78.6890, -11.6787,
12.5507

■ 82.1770, -8.4683,
9.4918

■ 85.5510, -5.6946,
6.5328

■ 89.5120, -3.2104,
3.0590

■ 92.8860, -0.4368,
0.1000

■ 96.3740, 2.7736,
-2.9590

Harmonies

Analogous

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



64.8600, -14.2280, 36.9568



64.4920, -22.9206, 25.0015



62.9260, -24.6135, 7.9579

Triad

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



64.4920, -22.9206, 25.0015



54.2220, 9.7506, -47.5527



68.0500, 17.7233, 8.7262

Complementary

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



64.4920, -22.9206, 25.0015



46.5080, 22.9206, -25.0015

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.



61.7190, 26.2675, -25.1866



64.4920, -22.9206, 25.0015



56.3710, 20.5231, -49.4374

Square

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



64.4920, -22.9206, 25.0015



50.6710, -1.3168, -44.4385



56.3200, 27.9432, -49.3926



67.9620, 7.9067, 30.7283

Rectangle

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



64.4920, -22.9206, 25.0015



60.9890, -20.2076, -5.2524



56.3200, 27.9432, -49.3926



67.6790, 20.3713, -0.5955

Sweetspot

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



64.4920, -22.9206, 25.0015



109.0630, -8.9051, 9.5917



44.4150, 4.2324, 42.6090



54.2520, -5.5472, 5.9180



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



64.4920, -22.9206, 25.0015



75.6650, -35.3308, 38.8818



83.8520, -32.4650, 6.2688



44.2560, -1.6052, 1.5295



68.1100, -33.5782, 36.7375



147.1730, -72.5563, 78.7783

Inverse Universe

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



46.5080, 22.9206, -25.0015



47.7480, 35.6202, -38.3670



27.1480, 32.4650, -6.2688



42.7440, 1.6052, -1.5295



41.8900, 33.5782, -36.7375



90.4140, 72.2669, -79.2931

Previews

White Background



This preview shows how the YUV color 64.4920, -22.9206, 25.0015 looks on a white background.

Color Contrast Check

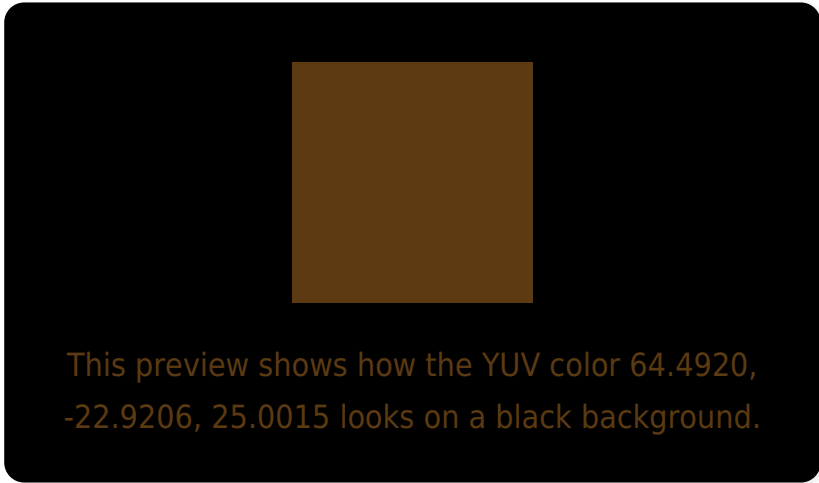
Large Text (above 18pt) WCAG AA ✓ Pass

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

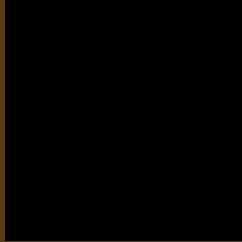
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 64.4920, -22.9206, 25.0015

Background



This preview shows how black text looks on a background with the YUV color 64.4920, -22.9206, 25.0015.



This preview shows how white text looks on a background with the YUV color 64.4920, -22.9206,

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

64.4920, -22.9206, 25.0015

Protanopia

64.0340, -21.7088, 9.6172

Deuteranopia

63.9210, -23.6251, 17.6093



Tritanopia

67.4160, -4.1491, 24.1912

Trichromacy



Original Color

64.4920, -22.9206, 25.0015

Protanomaly

64.2520, -22.3092, 15.5650

Deuteranomaly

64.3450, -23.3411, 19.8684

Tritanomaly

65.9940, -10.8430, 24.5613

Monochromacy



Original Color

64.4920, -22.9206, 25.0015

Achromatopsia

64.0000, 0.0000, 0.0000

Achromatomaly

64.1770, -8.4683, 9.4918

CSS Examples

Text

The CSS property to change the color of the text to YUV 64.4920, -22.9206, 25.0015 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(93, 59, 18)` looks like.

```
.text, #text, p{  
    color:rgb(93, 59, 18)  
}
```

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(93, 59, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 59, 18) }
```

Border

The CSS property to change the border of an element to YUV 64.4920, -22.9206, 25.0015 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(93, 59, 18) }
```


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

```
.border{ border-color:rgb(93, 59, 18) }
```

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

Here you see how a box with a 4 pixel rgb(93, 59, 18) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 59, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 59, 18);  
box-shadow:4px 4px 4px 4px rgb(93, 59, 18)  
}
```

Background

The CSS property to change the background color of an element to YUV 64.4920, -22.9206, 25.0015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 59, 18) }
```

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

```
.background{ background-color: rgb(93, 59,  
18) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor