

Converting Colors

YUV(72.7150, -21.0585,
34.4529)

Have a look what the booklet for
YUV(72.7150, -21.0585, 34.4529)
contains.

YUV(72.7150, -21.0585, 34.4529)	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(72.7150, -21.0585,
34.4529)**

Conversions

Conversions Part 1

Format	Color
Hex	703D1E
RGB	112, 61, 30
RGB Percent	44%, 24%, 12%
CMY	0.5608, 0.7608, 0.8824
CMYK	0.00, 0.46, 0.73, 0.56
HSL	23°, 58%, 28%
HSV	23°, 73%, 44%
XYZ	8.5852, 6.8760, 2.1030
YIQ	72.7150, 40.3470, 1.1710

Conversions

Conversions Part 2

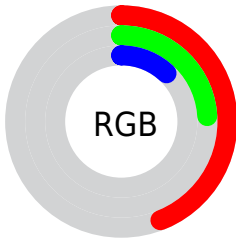
Format	Color
R_{YB}	112, 80, 30
Decimal	7355678
CIE Lab	31.52, 19.50, 28.28
CIE LCh	32, 34.347, 55.408
Yxy	6.8760, 0.4888, 0.3915
Android (android.graphics.Color)	4285545758 (0xFF703D1E)
YUV	72.7150, -21.0585, 34.4529
Hunter-Lab	26.2221, 12.5528, 13.6004

Details

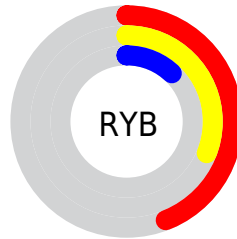
The YUV color **72.7150, -21.0585, 34.4529** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **69.2850, 21.0585, -34.4529**, and the grayscale version is **73.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **122.4660, -23.4007, 39.0563**, and **27.6200, -13.6167, 27.5203** is the 20% darker color. If you saturate the color by 10%, you get **67.3520, -23.8375, 39.1563**, and if you desaturate by 10%, it is **78.0780, -18.2795, 29.7496**.

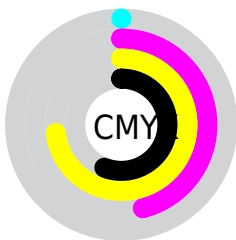
Distribution



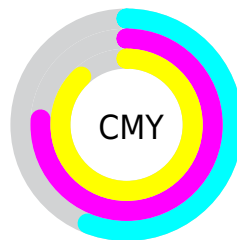
- Red (44%)
- Green (24%)
- Blue (12%)



- Red (44%)
- Yellow (31%)
- Blue (12%)



- Cyan (0%)
- Magenta (46%)
- Yellow (73%)
- Black (56%)



- Cyan (56%)
- Magenta (76%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YUV color 72.7150, -21.0585, 34.4529 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 72.7150, -21.0585, 34.4529 by changing the saturation by 10% instead.

■ 72.7150, -21.0585,
34.4529

■ 72.7150, -21.0585,
34.4529

■ 255.0000, 0.0000,
0.0000

■ 49.1060, -20.7583,
31.4790

■ 122.4660,
-23.4007, 39.0563

■ 27.6200, -13.6167,
27.5203

■ 149.2490,
-24.2798, 41.0006

■ 10.7640, -5.3067,
22.1320

■ 176.0320,
-25.1588, 42.9449

■ 0.0000, 0.0000,
0.0000

■ 203.8150,
-26.0378, 44.8892

■ 223.3290,
-22.3472, 27.7755

■ 242.8430,

-18.6566, 10.6617

■ 252.6060, -9.1728,
2.0995

■ 72.7150, -21.0585,
34.4529

■ 72.7150, -21.0585,
34.4529

■ 67.3520, -23.8375,
39.1563

■ 78.0780, -18.2795,
29.7496

■ 61.9890, -26.6166,
43.8596

■ 83.4410, -15.5004,
25.0462

■ 58.1420, -28.6640,
47.2335

■ 88.9180, -12.2846,
20.2429

■ 94.2810, -9.5055,
15.5396

■ 99.6440, -6.7265,
10.8362

■ 105.0070, -3.9475,
6.1329

■ 110.3700, -1.1684,
1.4295

■ 115.8470, 2.0474,
-3.3738

■ 121.2100, 4.8265,
-8.0772

Harmonies

Analogous

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



73.3430, -10.0291, 43.5492



72.7150, -21.0585, 34.4529



71.0090, -27.1194, 18.4091

Triad

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



72.7150, -21.0585, 34.4529



58.9350, 4.9620, -51.6860



74.8570, 23.7345, -6.0136

Complementary

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



72.7150, -21.0585, 34.4529



69.2850, 21.0585, -34.4529

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.



60.3780, 33.3376, -52.9515



72.7150, -21.0585, 34.4529



62.0130, 16.7556, -54.3854

Square

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



72.7150, -21.0585, 34.4529



63.9520, -10.8223, -28.8989



62.7600, 27.2333, -55.0405



76.2260, 14.1856, 23.4808

Rectangle

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



72.7150, -21.0585, 34.4529



69.6760, -25.4763, 4.6691



62.7600, 27.2333, -55.0405



71.5780, 26.8300, -18.9239

Sweetspot

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



72.7150, -21.0585, 34.4529



129.6120, -8.1897, 13.4953



60.4460, 10.6261, 45.2129



64.7900, -4.8265, 8.0772



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



72.7150, -21.0585, 34.4529



84.0350, -33.0483, 53.4663



96.1950, -32.6341, 13.8610



53.5550, -1.7526, 2.1443



62.2950, -30.7114, 50.6073



129.0310, -63.6123, 103.4588

Inverse Universe

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



69.2850, 21.0585, -34.4529



78.5520, 32.7589, -53.9811



45.8050, 32.6341, -13.8610



53.0320, 1.4632, -2.6591



57.7050, 30.7114, -50.6073



118.5560, 63.3229, -103.9736

Previews

White Background



This preview shows how the YUV color 72.7150, -21.0585, 34.4529 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



This preview shows how the YUV color 72.7150, -21.0585, 34.4529 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

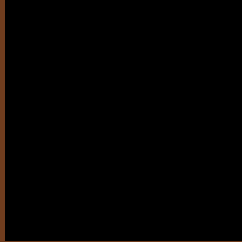
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 72.7150, -21.0585, 34.4529

Background



This preview shows how black text looks on a background with the YUV color 72.7150, -21.0585, 34.4529.



This preview shows how white text looks on a background with the YUV color 72.7150, -21.0585,

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

72.7150, -21.0585, 34.4529

Protanopia

72.7180, -19.0880, 9.0173

Deuteranopia

72.5620, -22.4621, 17.9241



Tritanopia

75.2000, -6.5076, 34.0276

Trichromacy



Original Color

72.7150, -21.0585, 34.4529

Protanomaly

72.9580, -19.6993, 18.4538

Deuteranomaly

72.4210, -21.8996, 24.1868

Tritanomaly

74.1200, -11.8912, 34.0978

Monochromacy



Original Color

72.7150, -21.0585, 34.4529

Achromatopsia

73.0000, 0.0000, 0.0000

Achromatomaly

73.0140, -7.8949, 12.2657

CSS Examples

Text

The CSS property to change the color of the text to YUV 72.7150, -21.0585, 34.4529 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(112, 61, 30)` looks like.

```
.text, #text, p{  
    color:rgb(112, 61, 30)  
}
```

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(112, 61, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 61, 30) }
```

Border

The CSS property to change the border of an element to YUV 72.7150, -21.0585, 34.4529 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(112, 61, 30) }
```


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

```
.border{ border-color:rgb(112, 61, 30) }
```

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

Here you see how a box with a 4 pixel rgb(112, 61, 30) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 61, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 61, 30);  
box-shadow:4px 4px 4px 4px rgb(112, 61,  
30) }
```

Background

The CSS property to change the background color of an element to YUV 72.7150, -21.0585, 34.4529 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 61, 30) }
```

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

```
.background{ background-color: rgb(112, 61,  
30) }
```

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