

Converting Colors

YUV(77.2230, -28.2109,
41.9004)

Have a look what the booklet for
YUV(77.2230, -28.2109, 41.9004)
contains.

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Color

**YUV(77.2230, -28.2109,
41.9004)**

Conversions

Conversions Part 1

Format	Color
Hex	7D4014
RGB	125, 64, 20
RGB Percent	49%, 25%, 8%
CMY	0.5098, 0.7490, 0.9216
CMYK	0.00, 0.49, 0.84, 0.51
HSL	25°, 72%, 28%
HSV	25°, 84%, 49%
XYZ	10.4171, 8.0773, 1.6718
YIQ	77.2230, 50.4800, -0.7520

Conversions

Conversions Part 2

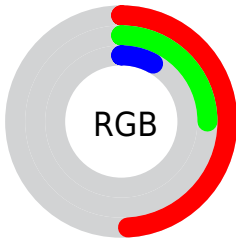
Format	Color
R_{YB}	125, 96, 20
Decimal	8208404
CIE Lab	34.14, 23.15, 36.74
CIE LCh	34, 43.426, 57.793
Yxy	8.0773, 0.5166, 0.4005
Android (android.graphics.Color)	4286398484 (0xFF7D4014)
YUV	77.2230, -28.2109, 41.9004
Hunter-Lab	28.4205, 15.6905, 16.4066

Details

The YUV color **77.2230, -28.2109, 41.9004** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **67.7770, 28.2109, -41.9004**, and the grayscale version is **77.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **128.3870, -30.2638, 47.0186**, and **32.0830, -15.8169, 33.2532** is the 20% darker color. If you saturate the color by 10%, you get **71.7460, -31.4268, 46.7038**, and if you desaturate by 10%, it is **82.8140, -24.5583, 36.9971**.

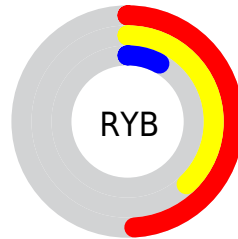
Distribution



Red (49%)

Green (25%)

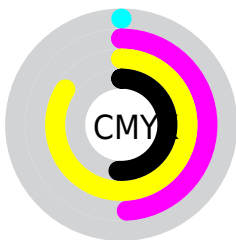
Blue (8%)



Red (49%)

Yellow (38%)

Blue (8%)

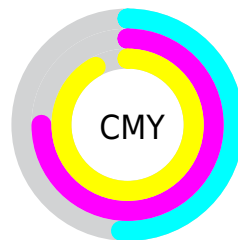


Cyan (0%)

Magenta (49%)

Yellow (84%)

Black (51%)



Cyan (51%)

Magenta (75%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the YUV color 77.2230, -28.2109, 41.9004 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 77.2230, -28.2109, 41.9004 by changing the saturation by 10% instead.

■ 77.2230, -28.2109,
41.9004

■ 77.2230, -28.2109,
41.9004

■ 254.7720, -0.8736,
0.2000

■ 53.0700, -26.1635,
38.5266

■ 128.3870,
-30.2638, 47.0186

■ 32.0830, -15.8169,
33.2532

■ 154.7680,
-31.4376, 50.1925

■ 13.4550, -6.6333,
27.6650

■ 182.4370,
-32.7534, 52.2368


■ 0.0000, 0.0000,
0.0000


■ 205.1370,
-31.1265, 43.7299


■ 224.6510,
-27.4359, 26.6161


■ 244.7520,


-24.0347, 8.9875


 251.4660,
-13.5407, 3.0993


 77.2230, -28.2109,
41.9004


 77.2230, -28.2109,
41.9004


 71.7460, -31.4268,
46.7038


 82.8140, -24.5583,
36.9971

 67.8990, -33.4742,
50.0776

 88.8780, -21.6319,
31.6790

 94.3550, -18.4160,
26.8757

 99.9460, -14.7634,
21.9724

 105.4230,
-11.5475, 17.1690

■ 111.6010, -8.1843,
11.7509

■ 117.1920, -4.5317,
6.8476

■ 122.6690, -1.3158,
2.0443

■ 128.2600, 2.3368,
-2.8590

Harmonies

Analogous

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



76.9100, -13.2666, 55.3299



77.2230, -28.2109, 41.9004



75.3870, -37.1658, 20.7086

Triad

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



77.2230, -28.2109, 41.9004



65.1300, 5.8519, -57.1190



80.5780, 30.2810, -5.7689

Complementary

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



77.2230, -28.2109, 41.9004



67.7770, 28.2109, -41.9004

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.



66.8810, 40.4847, -58.6546



77.2230, -28.2109, 41.9004



69.1200, 21.1398, -60.6182

Square

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



77.2230, -28.2109, 41.9004



60.1620, -9.4469, -50.1311



70.3230, 33.3648, -61.6733



81.9050, 17.7948, 32.5323

Rectangle

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



77.2230, -28.2109, 41.9004



73.3310, -35.6592, 4.0947



70.3230, 33.3648, -61.6733



76.7930, 34.1191, -23.4975

Sweetspot

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



77.2230, -28.2109, 41.9004



144.2380, -10.9633, 16.4543



58.3490, 11.1669, 58.4529



70.3450, -6.5791, 10.2214



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



77.2230, -28.2109, 41.9004



88.6530, -43.7059, 65.2023



107.7470, -43.2593, 15.1309



60.8540, -1.9000, 2.7590



69.3830, -34.2058, 51.4071



0.0000, 0.0000, 0.0000

Inverse Universe

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



67.7770, 28.2109, -41.9004



74.3470, 43.7059, -65.2023



37.2530, 43.2593, -15.1309



60.1460, 1.9000, -2.7590



58.0300, 34.4952, -50.8923



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 77.2230, -28.2109, 41.9004 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 77.2230, -28.2109, 41.9004 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 77.2230, -28.2109, 41.9004

Background



This preview shows how black text looks on a background with the YUV color 77.2230, -28.2109, 41.9004.



This preview shows how white text looks on a background with the YUV color 77.2230, -28.2109,

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

77.2230, -28.2109, 41.9004

Protanopia

77.4920, -26.3716, 11.8465

Deuteranopia

77.2930, -31.2034, 21.6680



Tritanopia

80.4890, -8.1291, 40.7901

Trichromacy



Original Color

77.2230, -28.2109, 41.9004

Protanomaly

77.4440, -26.8409, 22.4126

Deuteranomaly

76.9780, -30.0622, 28.9603

Tritanomaly

78.9530, -15.2598, 41.2602

Monochromacy



Original Color

77.2230, -28.2109, 41.9004

Achromatopsia

77.0000, 0.0000, 0.0000

Achromatomaly

76.7540, -10.2317, 15.1247

CSS Examples

Text

The CSS property to change the color of the text to YUV 77.2230, -28.2109, 41.9004 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(125, 64, 20)` looks like.

```
.text, #text, p{  
    color:rgb(125, 64, 20)  
}
```

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(125, 64, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 64, 20) }
```

Border

The CSS property to change the border of an element to YUV 77.2230, -28.2109, 41.9004 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(125, 64, 20) }
```


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

```
.border{ border-color:rgb(125, 64, 20) }
```

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

Here you see how a box with a 4 pixel rgb(125, 64, 20) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 64, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 64, 20);  
box-shadow:4px 4px 4px 4px rgb(125, 64,  
20) }
```

Background

The CSS property to change the background color of an element to YUV 77.2230, -28.2109, 41.9004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 64, 20) }
```

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

```
.background{ background-color: rgb(125, 64,  
20) }
```

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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