

Converting Colors

YUV(75.6440, -20.0375,
33.6382)

Have a look what the booklet for
YUV(75.6440, -20.0375, 33.6382)
contains.

YUV(75.6440, -20.0375, 33.6382)	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(75.6440, -20.0375,
33.6382)**

Conversions

Conversions Part 1

Format	Color
Hex	724023
RGB	114, 64, 35
RGB Percent	45%, 25%, 14%
CMY	0.5529, 0.7490, 0.8627
CMYK	0.00, 0.44, 0.69, 0.55
HSL	22°, 53%, 29%
HSV	22°, 69%, 45%
XYZ	9.0762, 7.3655, 2.5334
YIQ	75.6440, 39.1090, 1.5810

Conversions

Conversions Part 2

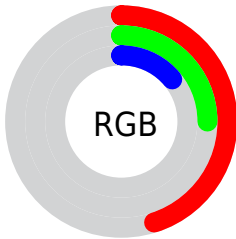
Format	Color
R_{YB}	114, 81, 35
Decimal	7487523
CIE Lab	32.63, 18.95, 26.74
CIE LCh	33, 32.772, 54.678
Yxy	7.3655, 0.4783, 0.3882
Android (android.graphics.Color)	4285677603 (0xFF724023)
YUV	75.6440, -20.0375, 33.6382
Hunter-Lab	27.1395, 12.2010, 13.4631

Details

The YUV color **75.6440, -20.0375, 33.6382** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **73.3560, 20.0375, -33.6382**, and the grayscale version is **76.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **125.5090, -21.9429, 38.1416**, and **30.2780, -14.9271, 27.8202** is the 20% darker color. If you saturate the color by 10%, you get **70.2810, -22.8165, 38.3416**, and if you desaturate by 10%, it is **81.0070, -17.2585, 28.9349**.

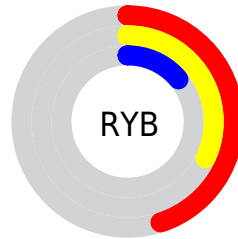
Distribution



Red (45%)

Green (25%)

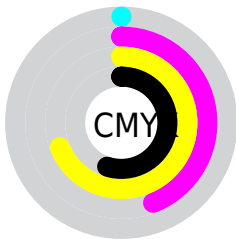
Blue (14%)



Red (45%)

Yellow (32%)

Blue (14%)

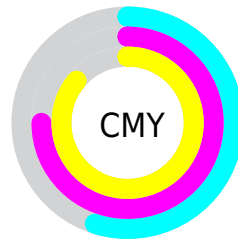


Cyan (0%)

Magenta (44%)

Yellow (69%)

Black (55%)



Cyan (55%)

Magenta (75%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the YUV color 75.6440, -20.0375, 33.6382 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 75.6440, -20.0375, 33.6382 by changing the saturation by 10% instead.

■ 75.6440, -20.0375,
33.6382

■ 75.6440, -20.0375,
33.6382

255.0000, 0.0000,
0.0000

■ 51.6760, -18.5743,
30.9791

■ 125.5090,
-21.9429, 38.1416

■ 30.2780, -14.9271,
27.8202

■ 152.1780,
-23.2588, 40.1859

■ 11.3620, -5.6015,
23.3615

■ 178.9610,
-24.1378, 42.1302

■ 0.0000, 0.0000,
0.0000

■ 206.8470,
-24.5746, 42.2302

■ 225.7740,
-20.5946, 25.6312

■ 245.8750,

-17.1934, 8.0026

253.2900, -6.5520,
1.4997

75.6440, -20.0375,
33.6382

75.6440, -20.0375,
33.6382

70.2810, -22.8165,
38.3416

81.0070, -17.2585,
28.9349

64.8040, -26.0324,
43.1449

86.4840, -14.0426,
24.1315

58.8540, -28.5220,
48.3630

92.4340, -11.5530,
18.9134

58.7400, -28.9588,
48.4630

97.9110, -8.3371,
14.1101

103.2740, -5.5581,
9.4067

■ 108.6370, -2.7790,
4.7034

■ 114.7010, 0.1474,
-0.6148

■ 120.0640, 2.9264,
-5.3181

■ 125.5410, 6.1423,
-10.1215

Harmonies

Analogous

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



76.4460, -9.5869, 41.7049



75.6440, -20.0375, 33.6382



74.4650, -25.3722, 18.0092

Triad

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



75.6440, -20.0375, 33.6382



60.3370, 5.2569, -52.9155



77.3300, 23.0083, -6.4284

Complementary

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



75.6440, -20.0375, 33.6382



73.3560, 20.0375, -33.6382

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.



62.1390, 32.4695, -54.4959



75.6440, -20.0375, 33.6382



63.4150, 17.0504, -55.6150

Square

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



75.6440, -20.0375, 33.6382



67.3760, -10.5384, -26.6398



64.5210, 26.3651, -56.5849



79.1010, 13.7542, 21.8364

Rectangle

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



75.6440, -20.0375, 33.6382



72.6160, -24.4607, 5.5988



64.5210, 26.3651, -56.5849



74.6490, 25.8090, -18.1092

Sweetspot

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



75.6440, -20.0375, 33.6382



132.7260, -7.7529, 13.3953



64.3210, 10.1947, 43.5685



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.



75.6440, -20.0375, 33.6382



88.1920, -31.1537, 52.4516



98.5370, -31.3237, 13.5611



53.5550, -1.7526, 2.1443



61.7080, -30.4220, 51.1221



127.2700, -62.7441, 105.0032

Inverse Universe

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



73.3560, 20.0375, -33.6382



84.8080, 31.1537, -52.4516



50.4630, 31.3237, -13.5611



53.0320, 1.4632, -2.6591



58.2920, 30.4220, -51.1221



120.3170, 62.4547, -105.5180

Previews

White Background



This preview shows how the YUV color 75.6440, -20.0375, 33.6382 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 75.6440, -20.0375, 33.6382 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 75.6440, -20.0375, 33.6382

Background



This preview shows how black text looks on a background with the YUV color 75.6440, -20.0375, 33.6382.



This preview shows how white text looks on a background with the YUV color 75.6440, -20.0375,

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

75.6440, -20.0375, 33.6382

Protanopia

75.0600, -17.7776, 8.7174

Deuteranopia

75.9040, -21.1517, 17.6242



Tritanopia

77.9010, -6.3602, 33.4128

Trichromacy



Original Color

75.6440, -20.0375, 33.6382

Protanomaly

75.3000, -18.3889, 18.1539

Deuteranomaly

75.7630, -20.5892, 23.8868

Tritanomaly

76.9350, -11.3070, 33.3830

Monochromacy



Original Color

75.6440, -20.0375, 33.6382

Achromatopsia

76.0000, 0.0000, 0.0000

Achromatomaly

76.1280, -7.4581, 12.1657

CSS Examples

Text

The CSS property to change the color of the text to YUV 75.6440, -20.0375, 33.6382 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(114, 64, 35)` looks like.

```
.text, #text, p{  
    color:rgb(114, 64, 35)  
}
```

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(114, 64, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 64, 35) }
```

Border

The CSS property to change the border of an element to YUV 75.6440, -20.0375, 33.6382 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(114, 64, 35) }
```


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

```
.border{ border-color:rgb(114, 64, 35) }
```

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

Here you see how a box with a 4 pixel rgb(114, 64, 35) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 64, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 64, 35);  
box-shadow:4px 4px 4px 4px rgb(114, 64,  
35) }
```

Background

The CSS property to change the background color of an element to YUV 75.6440, -20.0375, 33.6382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 64, 35) }
```

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

```
.background{ background-color: rgb(114, 64,  
35) }
```

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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