

Converting Colors

YUV(77.3760, -13.4964,
35.6272)

Have a look what the booklet for
YUV(77.3760, -13.4964, 35.6272)
contains.

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Color

**YUV(77.3760, -13.4964,
35.6272)**

Conversions

Conversions Part 1

Format	Color
Hex	763E32
RGB	118, 62, 50
RGB Percent	46%, 24%, 20%
CMY	0.5373, 0.7569, 0.8039
CMYK	0.00, 0.47, 0.58, 0.54
HSL	11°, 40%, 33%
HSV	11°, 58%, 46%
XYZ	9.7696, 7.5271, 3.9556
YIQ	77.3760, 37.2280, 8.1400

Conversions

Conversions Part 2

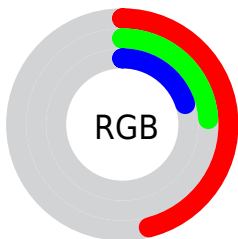
Format	Color
R_{YB}	118, 65, 50
Decimal	7749170
CIE Lab	32.98, 23.10, 18.21
CIE LCh	33, 29.415, 38.238
Yxy	7.5271, 0.4597, 0.3542
Android (android.graphics.Color)	4285939250 (0xFF763E32)
YUV	77.3760, -13.4964, 35.6272
Hunter-Lab	27.4355, 15.5501, 10.6566

Details

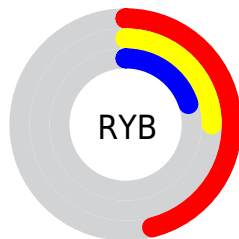
The YUV color **77.3760, -13.4964, 35.6272** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **90.6240, 13.4964, -35.6272**, and the grayscale version is **77.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **127.8280, -15.6912, 39.6158**, and **30.1690, -12.9013, 31.4238** is the 20% darker color. If you saturate the color by 10%, you get **70.1380, -15.8440, 41.9750**, and if you desaturate by 10%, it is **84.6140, -11.1487, 29.2795**.

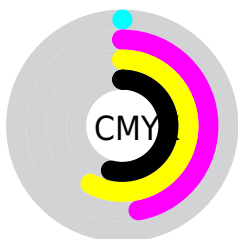
Distribution



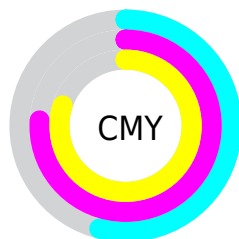
- Red (46%)
- Green (24%)
- Blue (20%)



- Red (46%)
- Yellow (25%)
- Blue (20%)



- Cyan (0%)
- Magenta (47%)
- Yellow (58%)
- Black (54%)



- Cyan (54%)
- Magenta (76%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 77.3760, -13.4964, 35.6272 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 77.3760, -13.4964, 35.6272 by changing the saturation by 10% instead.

■ 77.3760, -13.4964,
35.6272

■ 77.3760, -13.4964,
35.6272

■ 255.0000, 0.0000,
0.0000

■ 53.4080, -12.0331,
32.9682

■ 127.8280,
-15.6912, 39.6158

■ 30.1690, -12.9013,
31.4238

■ 153.7250,
-16.1334, 41.4602

■ 12.5580, -6.1911,
25.8206

■ 181.5080,
-17.0124, 43.4045

■ 0.0000, 0.0000,
0.0000

■ 207.6110,
-16.5702, 41.5602

■ 227.1250,
-12.8796, 24.4464

■ 247.3400, -9.0416,

6.7178

■ 77.3760, -13.4964,
35.6272

■ 77.3760, -13.4964,
35.6272

■ 70.1380, -15.8440,
41.9750

■ 84.6140, -11.1487,
29.2795

■ 63.4870, -18.4811,
47.8079

■ 91.2650, -8.5116,
23.4466

■ 56.3630, -20.3920,
54.0556

■ 98.3890, -6.6008,
17.1988

■ 49.1250, -22.7396,
60.4034

■ 105.6270, -4.2531,
10.8511

■ 47.6090, -23.4712,
61.7329

■ 112.8650, -1.9054,
4.5034

■ 119.5160, 0.7316,
-1.3295

■ 126.7540, 3.0793,
-7.6773

■ 133.8780, 4.9901,
-13.9250

■ 140.5290, 7.6272,
-19.7579

Harmonies

Analogous

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



78.4330, -3.1715, 37.3313



77.3760, -13.4964, 35.6272



76.3610, -20.8840, 25.1164

Triad

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



77.3760, -13.4964, 35.6272



66.2700, -3.0911, -35.3168



74.4590, 23.9307, -22.3275

Complementary

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



77.3760, -13.4964, 35.6272



90.6240, 13.4964, -35.6272

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.



63.5750, 27.8175, -55.7553



77.3760, -13.4964, 35.6272



61.7050, 10.4984, -54.1153

Square

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



77.3760, -13.4964, 35.6272



71.8080, -15.6813, -10.3556



63.7400, 20.8342, -55.9000



79.8110, 16.8552, 7.1818

Rectangle

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



77.3760, -13.4964, 35.6272



75.5400, -22.4512, 14.4354



63.7400, 20.8342, -55.9000



70.0660, 26.5895, -35.1379

Sweetspot

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



77.3760, -13.4964, 35.6272



137.7090, -5.2795, 13.4102



76.8300, 14.8738, 36.1061



67.5450, -3.2267, 8.2920



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



77.3760, -13.4964, 35.6272



89.8470, -21.1236, 55.3852



96.7470, -23.0463, 18.6389



55.3810, -1.1738, 3.1739



49.3920, -24.3503, 63.6772



100.5780, -49.5850, 131.0431

Inverse Universe

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



90.6240, 13.4964, -35.6272



110.1530, 21.1236, -55.3852



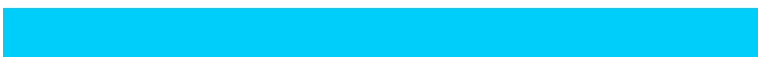
71.2530, 23.0463, -18.6389



56.6190, 1.1738, -3.1739



73.1950, 24.0609, -64.1920



149.4220, 49.5850, -131.0431

Previews

White Background



This preview shows how the YUV color 77.3760, -13.4964, 35.6272 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 77.3760, -13.4964, 35.6272 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

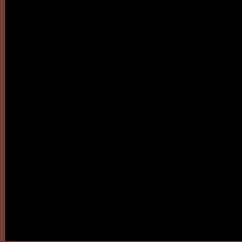
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 77.3760, -13.4964, 35.6272

Background



This preview shows how black text looks on a background with the YUV color 77.3760, -13.4964, 35.6272.



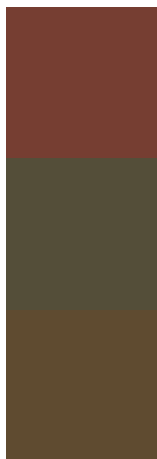
This preview shows how white text looks on a background with the YUV color 77.3760, -13.4964,

35.6272.

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

77.3760, -13.4964, 35.6272

Protanopia

77.4000, -10.0572, 5.7882

Deuteranopia

77.9020, -14.7417, 14.9949



Tritanopia

78.0970, -6.9498, 35.8719

Trichromacy



Original Color

77.3760, -13.4964, 35.6272

Protanomaly

77.1240, -11.4001, 16.5543

Deuteranomaly

77.4730, -14.0372, 22.3872

Tritanomaly

78.1140, -9.4232, 35.8570

Monochromacy



Original Color

77.3760, -13.4964, 35.6272

Achromatopsia

77.0000, 0.0000, 0.0000

Achromatomaly

77.4100, -5.1321, 12.7954

CSS Examples

Text

The CSS property to change the color of the text to YUV 77.3760, -13.4964, 35.6272 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(118, 62, 50)` looks like.

```
.text, #text, p{  
    color:rgb(118, 62, 50)  
}
```

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(118, 62, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 62, 50) }
```

Border

The CSS property to change the border of an element to YUV 77.3760, -13.4964, 35.6272 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(118, 62, 50) }
```


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

```
.border{ border-color:rgb(118, 62, 50) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 62, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 62, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 62, 50);  
box-shadow:4px 4px 4px 4px rgb(118, 62,  
50) }
```

Background

The CSS property to change the background color of an element to YUV 77.3760, -13.4964, 35.6272 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 62, 50) }
```

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

```
.background{ background-color: rgb(118, 62,  
50) }
```

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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