

Converting Colors

YUV(78.5640, -15.0681,
73.1734)

Have a look what the booklet for
YUV(78.5640, -15.0681, 73.1734)
contains.

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Color

**YUV(78.5640, -15.0681,
73.1734)**

Conversions

Conversions Part 1

Format	Color
Hex	A22A30
RGB	162, 42, 48
RGB Percent	64%, 16%, 19%
CMY	0.3647, 0.8353, 0.8118
CMYK	0.00, 0.74, 0.70, 0.36
HSL	357°, 59%, 40%
HSV	357°, 74%, 64%
XYZ	16.2618, 9.5507, 3.7827
YIQ	78.5640, 69.5940, 27.3060

Conversions

Conversions Part 2

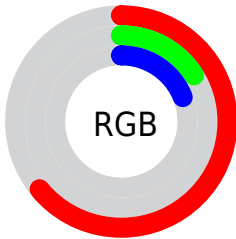
Format	Color
RYB	162, 42, 48
Decimal	10627632
CIELab	37.02, 49.02, 26.16
CIElCh	37, 55.568, 28.086
Yxy	9.5507, 0.5495, 0.3227
Android (android.graphics.Color)	4288817712 (0xFFA22A30)
YUV	78.5640, -15.0681, 73.1734
Hunter-Lab	30.9042, 39.8440, 14.3758

Details

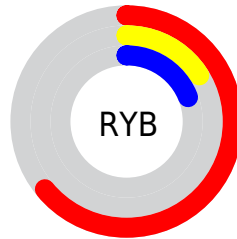
The YUV color **78.5640, -15.0681, 73.1734** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **125.4360, 15.0681, -73.1734**, and the grayscale version is **79.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **134.3320, -19.8837, 77.7618**, and **31.0250, -14.3093, 63.1221** is the 20% darker color. If you saturate the color by 10%, you get **67.4620, -16.9898, 82.9098**, and if you desaturate by 10%, it is **89.6660, -13.1463, 63.4369**.

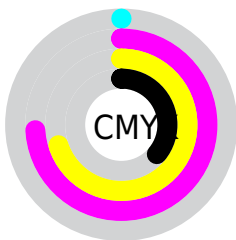
Distribution



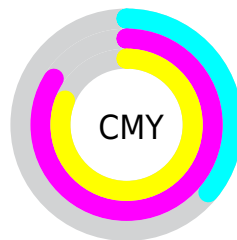
- Red (64%)
- Green (16%)
- Blue (19%)



- Red (64%)
- Yellow (16%)
- Blue (19%)



- Cyan (0%)
- Magenta (74%)
- Yellow (70%)
- Black (36%)



- Cyan (36%)
- Magenta (84%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YUV color 78.5640, -15.0681, 73.1734 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 78.5640, -15.0681, 73.1734 by changing the saturation by 10% instead.

■ 78.5640, -15.0681,
73.1734

■ 78.5640, -15.0681,
73.1734

255.0000, 0.0000,
0.0000

■ 44.8940, -8.8217,
76.3920

■ 134.3320,
-19.8837, 77.7618

■ 31.0250, -14.3093,
63.1221

■ 162.3000,
-21.3469, 80.4209

■ 22.1260, -10.9081,
45.4935

■ 181.4120,
-17.9511, 64.5367

■ 14.2810, -6.0545,
28.6946

■ 200.8120,
-14.6973, 47.5229

■ 0.0000, 0.0000,
0.0000

■ 220.3260,
-11.0067, 30.4091

■ 240.5410, -7.1687,

12.6805

■ 78.5640, -15.0681,
73.1734

■ 78.5640, -15.0681,
73.1734

■ 67.4620, -16.9898,
82.9098

■ 89.6660, -13.1463,
63.4369

■ 56.2460, -19.3483,
92.7463

■ 100.8820,
-10.7878, 53.6005

■ 49.3500, -20.3855,
98.7940

■ 112.5710, -9.1555,
43.3492

■ 123.7870, -6.7970,
33.5128

■ 134.8890, -4.8753,
23.7763

■ 145.9910, -2.9536,
14.0399

■ 157.2070, -0.5951,
4.2035

■ 168.8960, 1.0373,
-6.0478

■ 180.1120, 3.3958,
-15.8842

Harmonies

Analogous

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



78.2970, 6.7556, 73.4075



78.5640, -15.0681, 73.1734



80.7270, -39.3054, 53.7364

Triad

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



78.5640, -15.0681, 73.1734



64.5650, -14.0825, -56.6235



75.3560, 50.1105, -66.0872

Complementary

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



78.5640, -15.0681, 73.1734



125.4360, 15.0681, -73.1734

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.



79.0430, 41.3908, -69.3207



78.5640, -15.0681, 73.1734



71.6840, 5.5788, -62.8669

Square

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



78.5640, -15.0681, 73.1734



76.3740, -37.6524, -9.9750



77.4010, 24.9453, -67.8807



86.3740, 39.7486, -9.0980

Rectangle

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



78.5640, -15.0681, 73.1734



82.5520, -40.6981, 33.7189



77.4010, 24.9453, -67.8807



77.4760, 48.0793, -67.9465

Sweetspot

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



78.5640, -15.0681, 73.1734



179.2810, -6.0545, 28.6946



89.7660, 35.6114, 58.0872



87.6000, -3.2538, 17.0138



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



78.5640, -15.0681, 73.1734



80.6510, -23.4919, 115.1931



109.5780, -33.3160, 45.9741



75.8050, -0.8899, 5.4330



44.1530, -18.3164, 88.4428



5.4960, -2.2165, 10.9660

Inverse Universe

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



78.5640, -15.0681, 73.1734



80.6510, -23.4919, 115.1931



94.4220, 33.3160, -45.9741



75.8050, -0.8899, 5.4330



44.1530, -18.3164, 88.4428



5.4960, -2.2165, 10.9660

Previews

White Background



This preview shows how the YUV color 78.5640, -15.0681, 73.1734 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 78.5640, -15.0681, 73.1734 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

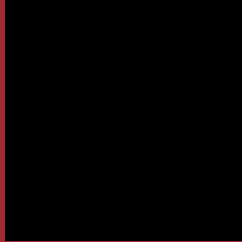
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 78.5640, -15.0681, 73.1734

Background



This preview shows how black text looks on a background with the YUV color 78.5640, -15.0681, 73.1734.

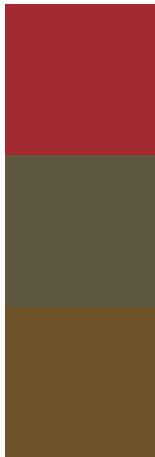


This preview shows how white text looks on a background with the YUV color 78.5640, -15.0681,

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

78.5640, -15.0681, 73.1734

Protanopia

87.4710, -11.0782, 6.6029

Deuteranopia

86.5730, -22.4675, 19.6685



Tritanopia

78.6950, -17.1046, 73.0585

Trichromacy



Original Color

78.5640, -15.0681, 73.1734

Protanomaly

83.9840, -12.3171, 30.7090

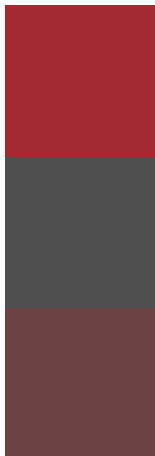
Deuteranomaly

83.7910, -19.6170, 38.7713

Tritanomaly

78.8090, -16.6678, 72.9585

Monochromacy



Original Color

78.5640, -15.0681, 73.1734

Achromatopsia

79.0000, 0.0000, 0.0000

Achromatomaly

79.0850, -5.4649, 26.2355

CSS Examples

Text

The CSS property to change the color of the text to YUV 78.5640, -15.0681, 73.1734 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(162, 42, 48)` looks like.

```
.text, #text, p{  
    color:rgb(162, 42, 48)  
}
```

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(162, 42, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 42, 48) }
```

Border

The CSS property to change the border of an element to YUV 78.5640, -15.0681, 73.1734 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(162, 42, 48) }
```


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

```
.border{ border-color:rgb(162, 42, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 42, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 42, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 42, 48);  
box-shadow:4px 4px 4px 4px rgb(162, 42,  
48) }
```

Background

The CSS property to change the background color of an element to YUV 78.5640, -15.0681, 73.1734 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 42, 48) }
```

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

```
.background{ background-color: rgb(162, 42,  
48) }
```

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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