

Converting Colors

YUV(78.5010, 0.2460, 14.4696)

Have a look what the booklet for
YUV(78.5010, 0.2460, 14.4696)
contains.

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Color

**YUV(78.5010, 0.2460,
14.4696)**

Conversions

Conversions Part 1

Format	Color
Hex	5F464F
RGB	95, 70, 79
RGB Percent	37%, 27%, 31%
CMY	0.6275, 0.7255, 0.6902
CMYK	0.00, 0.26, 0.17, 0.63
HSL	338°, 15%, 32%
HSV	338°, 26%, 37%
XYZ	8.3208, 7.3777, 8.3826
YIQ	78.5010, 12.0110, 8.0990

Conversions

Conversions Part 2

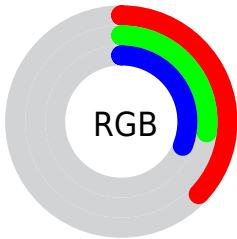
Format	Color
RYB	95, 70, 79
Decimal	6243919
CIELab	32.65, 12.31, -1.20
CIElCh	33, 12.365, 354.434
Yxy	7.3777, 0.3455, 0.3064
Android (android.graphics.Color)	4284433999 (0xFF5F464F)
YUV	78.5010, 0.2460, 14.4696
Hunter-Lab	27.1620, 7.1480, 0.7155

Details

The YUV color **78.5010, 0.2460, 14.4696** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **86.4990, -0.2460, -14.4696**, and the grayscale version is **78.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **127.5120, 0.2406, 16.2140**, and **33.6040, 0.6882, 12.6253** is the 20% darker color. If you saturate the color by 10%, you get **72.5340, 0.2297, 19.7027**, and if you desaturate by 10%, it is **85.0550, -0.0271, 8.7218**.

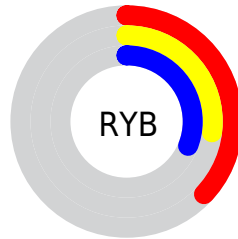
Distribution



Red (37%)

Green (27%)

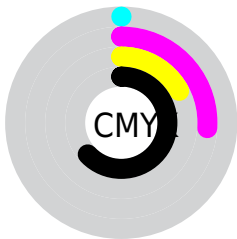
Blue (31%)



Red (37%)

Yellow (27%)

Blue (31%)

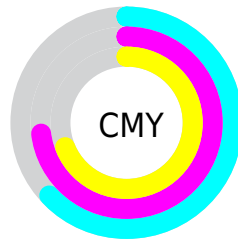


Cyan (0%)

Magenta (26%)

Yellow (17%)

Black (63%)



Cyan (63%)

Magenta (73%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 78.5010, 0.2460, 14.4696 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 78.5010, 0.2460, 14.4696 by changing the saturation by 10% instead.

■ 78.5010, 0.2460,
14.4696

■ 78.5010, 0.2460,
14.4696

■ 255.0000, 0.0000,
0.0000

■ 55.2020, 0.3934,
13.8548

■ 127.5120, 0.2406,
16.2140

■ 33.6040, 0.6882,
12.6253

■ 153.8110, 0.0932,
16.8288

■ 10.1530, 1.4036,
16.5288

■ 180.8110, 0.0932,
16.8288

■ 0.0000, 0.0000,
0.0000

■ 208.1100, -0.0542,
17.4435

■ 235.9250, 0.5300,
16.7288

■ 78.5010, 0.2460,
14.4696

■ 78.5010, 0.2460,
14.4696

■ 72.5340, 0.2297,
19.7027

■ 85.0550, -0.0271,
8.7218

■ 65.9800, 0.5029,
25.4505

■ 91.0220, -0.0108,
3.4887

■ 60.0130, 0.4866,
30.6836

■ 97.5760, -0.2840,
-2.2592

■ 53.4590, 0.7597,
36.4315

■ 103.5430, -0.2677,
-7.4922

■ 47.4920, 0.7434,
41.6645

■ 110.0970, -0.5408,
-13.2401

■ 40.9380, 1.0166,
47.4124

■ 116.0640, -0.5246,
-18.4731

■ 34.8570, 0.5635,
52.7454

■ 122.7320, -0.3609,
-24.3210

■ 32.2810, 0.8475,

■ 128.6990, -0.3446,

55.0046

-29.5540

■ 135.2530, -0.6177,
-35.3019

Harmonies

Analogous

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



78.6080, 4.6303, 8.2368



78.5010, 0.2460, 14.4696



77.9590, -4.4168, 16.6990

Triad

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



78.5010, 0.2460, 14.4696



75.8230, -8.2937, 0.1552



73.8820, 8.9322, -18.3135

Complementary

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



78.5010, 0.2460, 14.4696



86.4990, -0.2460, -14.4696

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.



72.6600, 5.5906, -19.8728



78.5010, 0.2460, 14.4696



74.3920, -4.6303, -8.2368

Square

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



78.5010, 0.2460, 14.4696



76.9380, -9.3364, 7.9474



73.1290, 0.9224, -15.8991



75.5670, 10.0735, -11.0213

Rectangle

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



78.5010, 0.2460, 14.4696



77.9650, -6.8847, 14.9397



73.1290, 0.9224, -15.8991



73.0560, 8.3534, -19.3431

Sweetspot

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



78.5010, 0.2460, 14.4696



116.0330, -0.0163, 5.2331



77.6340, 8.5614, 7.3370



57.0220, -0.0108, 3.4887



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



78.5010, 0.2460, 14.4696



96.2570, 0.3663, 22.5766



79.2360, -4.5533, 13.8250



45.3100, -0.1528, 2.3591



38.0480, 0.9623, 64.8559



81.5640, 2.1869, 138.9484

Inverse Universe

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



78.5010, 0.2460, 14.4696



96.2570, 0.3663, 22.5766



85.7640, 4.5533, -13.8250



45.3100, -0.1528, 2.3591



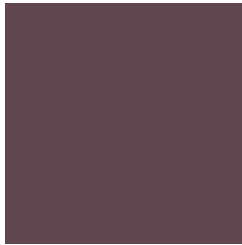
38.0480, 0.9623, 64.8559



81.5640, 2.1869, 138.9484

Previews

White Background



This preview shows how the YUV color 78.5010, 0.2460, 14.4696 looks on a white background.

Color Contrast Check

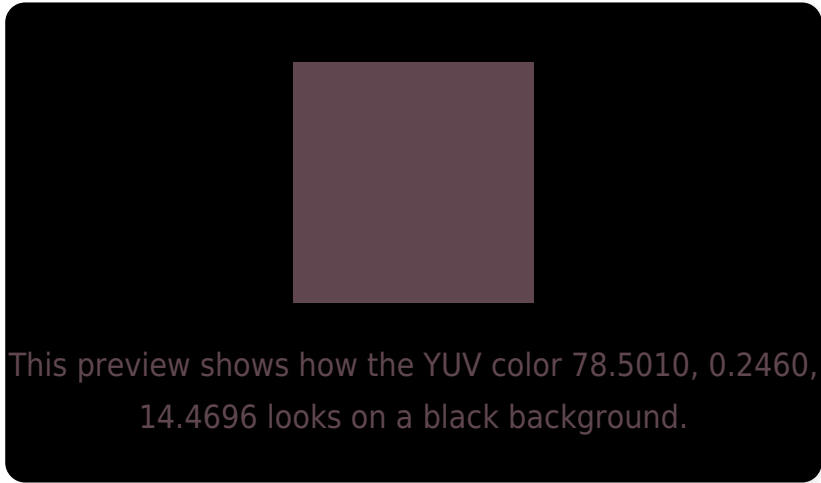
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

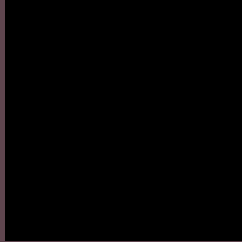
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 78.5010, 0.2460, 14.4696

Background



This preview shows how black text looks on a background with the YUV color 78.5010, 0.2460, 14.4696.



This preview shows how white text looks on a background with the YUV color 78.5010, 0.2460,

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

78.5010, 0.2460, 14.4696

Protanopia

77.6840, 2.6208, -0.5999

Deuteranopia

78.0330, -0.0163, 5.2331



Tritanopia

78.7460, -1.3538, 14.2548

Trichromacy



Original Color

78.5010, 0.2460, 14.4696

Protanomaly

77.9020, 2.0203, 5.3479

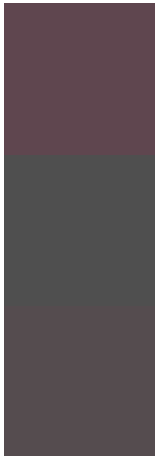
Deuteranomaly

78.0550, -0.0271, 8.7218

Tritanomaly

78.8600, -0.9170, 14.1548

Monochromacy



Original Color

78.5010, 0.2460, 14.4696

Achromatopsia

79.0000, 0.0000, 0.0000

Achromatomaly

79.0330, -0.0163, 5.2331

CSS Examples

Text

The CSS property to change the color of the text to YUV 78.5010, 0.2460, 14.4696 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(95, 70, 79)` looks like.

```
.text, #text, p{  
    color:rgb(95, 70, 79)  
}
```

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(95, 70, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 70, 79) }
```

Border

The CSS property to change the border of an element to YUV 78.5010, 0.2460, 14.4696 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(95, 70, 79) }
```


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

```
.border{ border-color:rgb(95, 70, 79) }
```

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

Here you see how a box with a 4 pixel rgb(95, 70, 79) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 70, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 70, 79);  
box-shadow:4px 4px 4px 4px rgb(95, 70, 79)  
}
```

Background

The CSS property to change the background color of an element to YUV 78.5010, 0.2460, 14.4696 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 70, 79) }
```

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

```
.background{ background-color: rgb(95, 70,  
79) }
```

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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