

Converting Colors

YUV(62.3520, -10.5265,
16.3543)

Have a look what the booklet for
YUV(62.3520, -10.5265, 16.3543)
contains.

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Color

**YUV(62.3520, -10.5265,
16.3543)**

Conversions

Conversions Part 1

Format	Color
Hex	513929
RGB	81, 57, 41
RGB Percent	32%, 22%, 16%
CMY	0.6824, 0.7765, 0.8392
CMYK	0.00, 0.30, 0.49, 0.68
HSL	24°, 33%, 24%
HSV	24°, 49%, 32%
XYZ	5.2567, 4.8357, 2.7541
YIQ	62.3520, 19.4400, 0.1120

Conversions

Conversions Part 2

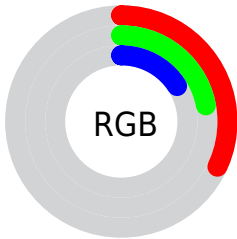
Format	Color
RYB	81, 68, 41
Decimal	5323049
CIELab	26.26, 8.34, 14.16
CIELCh	26, 16.429, 59.498
Yxy	4.8357, 0.4092, 0.3764
Android (android.graphics.Color)	4283513129 (0xFF513929)
YUV	62.3520, -10.5265, 16.3543
Hunter-Lab	21.9902, 4.1872, 7.9674




Details

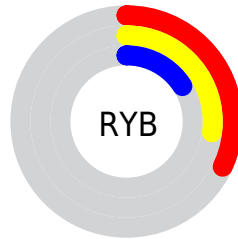
The YUV color **62.3520, -10.5265, 16.3543** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **59.6480, 10.5265, -16.3543**, and the grayscale version is **62.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **110.3200, -11.9898, 19.0134**, and **19.5690, -9.6475, 14.4100** is the 20% darker color. If you saturate the color by 10%, you get **58.5050, -12.5740, 19.7281**, and if you desaturate by 10%, it is **66.1990, -8.4791, 12.9805**.

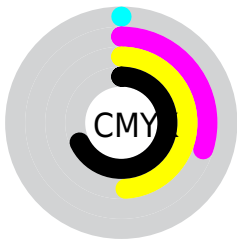
Distribution







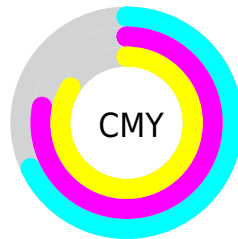
-  Red (32%)
-  Green (22%)
-  Blue (16%)






-  Red (32%)
-  Yellow (27%)
-  Blue (16%)



-  Cyan (0%)
-  Magenta (30%)
-  Yellow (49%)
-  Black (68%)



-  Cyan (68%)
-  Magenta (78%)
-  Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 62.3520, -10.5265, 16.3543 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 62.3520, -10.5265, 16.3543 by changing the saturation by 10% instead.

■ 62.3520, -10.5265,
16.3543

■ 62.3520, -10.5265,
16.3543

■ 255.0000, 0.0000,
0.0000

■ 39.8680, -9.7949,
15.0248

■ 110.3200,
-11.9898, 19.0134

■ 19.5690, -9.6475,
14.4100

■ 135.6190,
-12.1372, 19.6281

■ 0.0000, 0.0000,
0.0000

■ 162.1030,
-12.8688, 20.9577

■ 189.2880,
-13.4530, 21.6724

■ 217.2880,
-13.4530, 21.6724

■ 240.6890,

-11.6787, 12.5507

253.9740, -3.9312,
0.8998

62.3520, -10.5265,
16.3543

62.3520, -10.5265,
16.3543

58.5050, -12.5740,
19.7281

66.1990, -8.4791,
12.9805

54.6580, -14.6214,
23.1019

70.0460, -6.4317,
9.6067

50.8110, -16.6688,
26.4758

73.8930, -4.3842,
6.2328

47.5510, -19.0056,
29.3348

77.1530, -2.0474,
3.3738

43.7040, -21.0531,
32.7086

81.1140, 0.4368,
-0.1000

■ 43.0030, -21.2005,
33.3234

■ 84.9610, 2.4842,
-3.4738

■ 88.8080, 4.5317,
-6.8476

■ 92.6550, 6.5791,
-10.2214

■ 96.5020, 8.6265,
-13.5953

Harmonies

Analogous

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



63.1120, -6.4642, 20.0728



62.3520, -10.5265, 16.3543



61.2540, -11.9572, 8.5472

Triad

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



62.3520, -10.5265, 16.3543



55.8290, 2.5493, -24.4060



63.0460, 10.3303, -0.0403

Complementary

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



62.3520, -10.5265, 16.3543



59.6480, 10.5265, -16.3543

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.



60.3540, 13.1365, -13.4655



62.3520, -10.5265, 16.3543



54.3210, 9.7017, -31.8535

Square

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



62.3520, -10.5265, 16.3543



58.3590, -4.6140, -13.4698



56.5650, 13.0325, -26.8055



64.1570, 5.3456, 12.1403

Rectangle

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



62.3520, -10.5265, 16.3543



60.4380, -11.0619, 1.3699



56.5650, 13.0325, -26.8055



62.9530, 11.3622, -4.3438

Sweetspot

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



62.3520, -10.5265, 16.3543



97.3060, -4.0949, 6.7476



55.6960, 4.5869, 22.1916



49.3380, -2.6316, 4.0886



181.0000, 0.0000, 0.0000



54.0000, 0.0000, 0.0000

Same Dimension

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



62.3520, -10.5265, 16.3543



76.2130, -16.3740, 25.2462



74.0920, -16.3144, 6.0583



38.7830, -0.8790, 1.9443



56.0490, -27.6322, 42.9300



123.9590, -61.1118, 94.7520

Inverse Universe

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



59.6480, 10.5265, -16.3543



71.7870, 16.3740, -25.2462



47.9080, 16.3144, -6.0583



38.6300, 1.1684, -1.4295



48.9510, 27.6322, -42.9300



108.0410, 61.1118, -94.7520

Previews

White Background



This preview shows how the YUV color 62.3520, -10.5265, 16.3543 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 62.3520, -10.5265, 16.3543 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

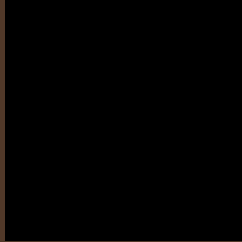
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 62.3520, -10.5265, 16.3543

Background



This preview shows how black text looks on a background with the YUV color 62.3520, -10.5265, 16.3543.

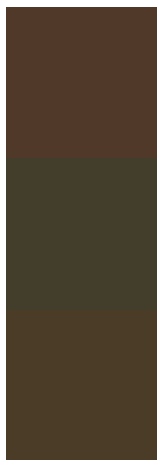


This preview shows how white text looks on a background with the YUV color 62.3520, -10.5265,

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

62.3520, -10.5265, 16.3543

Protanopia

61.3290, -9.0362, 4.9735

Deuteranopia

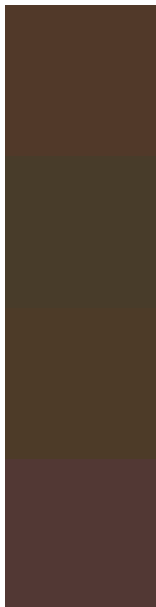
62.2050, -10.9471, 11.2212



Tritanopia

63.8280, -2.3802, 16.8138

Trichromacy



Original Color

62.3520, -10.5265, 16.3543

Protanomaly

61.5360, -9.6312, 9.1769

Deuteranomaly

62.2160, -10.9525, 12.9656

Tritanomaly

63.3180, -5.5798, 16.3841

Monochromacy



Original Color

62.3520, -10.5265, 16.3543

Achromatopsia

62.0000, 0.0000, 0.0000

Achromatomaly

62.0070, -3.9475, 6.1329

CSS Examples

Text

The CSS property to change the color of the text to YUV 62.3520, -10.5265, 16.3543 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(81, 57, 41)` looks like.

```
.text, #text, p{  
    color:rgb(81, 57, 41)  
}
```

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(81, 57, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 57, 41) }
```

Border

The CSS property to change the border of an element to YUV 62.3520, -10.5265, 16.3543 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(81, 57, 41) }
```


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

```
.border{ border-color:rgb(81, 57, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 57, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 57, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 57, 41);  
box-shadow:4px 4px 4px 4px rgb(81, 57, 41)  
}
```

Background

The CSS property to change the background color of an element to YUV 62.3520, -10.5265, 16.3543 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 57, 41) }
```

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

```
.background{ background-color: rgb(81, 57,  
41) }
```

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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