

Converting Colors

YUV(50.3520, 6.2355, 6.7073)

Have a look what the booklet for
YUV(50.3520, 6.2355, 6.7073)
contains.

YUV(50.3520, 6.2355, 6.7073)	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(50.3520, 6.2355,
6.7073)**

Conversions

Conversions Part 1

Format	Color
Hex	3A2C3F
RGB	58, 44, 63
RGB Percent	23%, 17%, 25%
CMY	0.7725, 0.8275, 0.7529
CMYK	0.08, 0.30, 0.00, 0.75
HSL	284°, 18%, 21%
HSV	284°, 30%, 25%
XYZ	3.5428, 3.0598, 5.1065
YIQ	50.3520, 2.2450, 8.8770

Conversions

Conversions Part 2

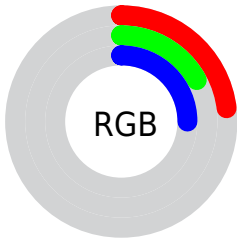
Format	Color
R_{YB}	58, 44, 63
Decimal	3812415
CIE Lab	20.28, 10.63, -9.57
CIE LCh	20, 14.307, 318.017
Yxy	3.0598, 0.3026, 0.2613
Android (android.graphics.Color)	4282002495 (0xFF3A2C3F)
YUV	50.3520, 6.2355, 6.7073
Hunter-Lab	17.4922, 5.5412, -5.0639

Details

The YUV color **50.3520, 6.2355, 6.7073** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **56.6480, -6.2355, -6.7073**, and the grayscale version is **50.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **96.8790, 6.9617, 7.1221**, and **7.1780, 6.8142, 7.7369** is the 20% darker color. If you saturate the color by 10%, you get **46.2320, 8.2666, 8.5665**, and if you desaturate by 10%, it is **54.4720, 4.2043, 4.8481**.

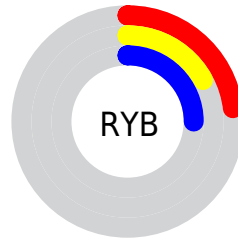
Distribution



 Red (23%)

 Green (17%)

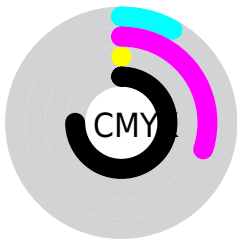
 Blue (25%)



 Red (23%)

 Yellow (17%)

 Blue (25%)

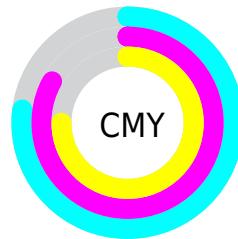


 Cyan (8%)


 Magenta (30%)

 Yellow (0%)

 Black (75%)



 Cyan (77%)

 Magenta (83%)

 Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 50.3520, 6.2355, 6.7073 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 50.3520, 6.2355, 6.7073 by changing the saturation by 10% instead.

■ 50.3520, 6.2355,
6.7073

■ 50.3520, 6.2355,
6.7073

■ 255.0000, 0.0000,
0.0000

■ 28.9390, 5.9461,
6.1925

■ 96.8790, 6.9617,
7.1221

■ 7.1780, 6.8142,
7.7369

■ 121.5910, 7.1036,
8.2517

■ 0.0000, 0.0000,
0.0000

■ 147.5910, 7.1036,
8.2517

■ 174.0040, 7.3930,
8.7665

■ 201.1180, 7.8298,
8.6665

■ 229.5310, 8.1192,

9.1813

252.0650, 1.4470,
2.5740

50.3520, 6.2355,
6.7073

50.3520, 6.2355,
6.7073

46.2320, 8.2666,
8.5665

54.4720, 4.2043,
4.8481

41.8240, 10.4398,
11.5554

58.8800, 2.0312,
1.8592

37.7040, 12.4709,
13.4146

63.0000, 0.0000,
0.0000

33.5840, 14.5021,
15.2738

67.1200, -2.0312,
-1.8592

29.1760, 16.6752,
18.2626

71.5280, -4.2043,
-4.8481

■ 25.0560, 18.7064,
20.1219

■ 75.6480, -6.2355,
-6.7073

■ 20.9360, 20.7376,
21.9811

■ 79.7680, -8.2666,
-8.5665

■ 83.5890, -10.1504,
-11.0406

■ 88.2960, -12.4709,
-13.4146

Harmonies

Analogous

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



49.1980, 9.7624, -4.5586



50.3520, 6.2355, 6.7073



50.2560, 1.8458, 14.6845

Triad

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



50.3520, 6.2355, 6.7073



48.7210, -10.2155, 9.8917



42.7410, 6.0437, -25.2059

Complementary

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



50.3520, 6.2355, 6.7073



56.6480, -6.2355, -6.7073

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.



44.1890, -0.0932, -16.8288



50.3520, 6.2355, 6.7073



47.6060, -9.1728, 2.0995

Square

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



50.3520, 6.2355, 6.7073



49.1500, -7.4689, 15.6545



46.4630, -5.6513, -7.4221



43.1800, 10.2643, -25.5909

Rectangle

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



50.3520, 6.2355, 6.7073



49.9420, -1.9434, 16.7139



46.4630, -5.6513, -7.4221



43.1820, 3.8543, -22.9616

Sweetspot

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



50.3520, 6.2355, 6.7073



76.7060, 2.6099, 2.8888



49.1010, 6.8522, -4.4736



37.7660, 1.5944, 1.9592



168.0000, 0.0000, 0.0000



41.0000, 0.0000, 0.0000

Same Dimension

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



50.3520, 6.2355, 6.7073



61.9980, 9.8610, 10.5258



51.3910, 3.7512, 10.1811



28.9400, 1.0156, 0.9296



31.6460, 30.7405, 33.6365



74.0450, 72.9418, 78.0135

Inverse Universe

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



50.2510, -0.6167, 11.1809



61.8820, -0.9278, 17.6435



55.6090, -3.7512, -10.1811



28.8970, -0.4422, 1.8443



30.9560, -2.9363, 55.2896



72.9900, -7.3901, 130.6818

Previews

White Background



This preview shows how the YUV color 50.3520, 6.2355, 6.7073 looks on a white background.

Color Contrast Check

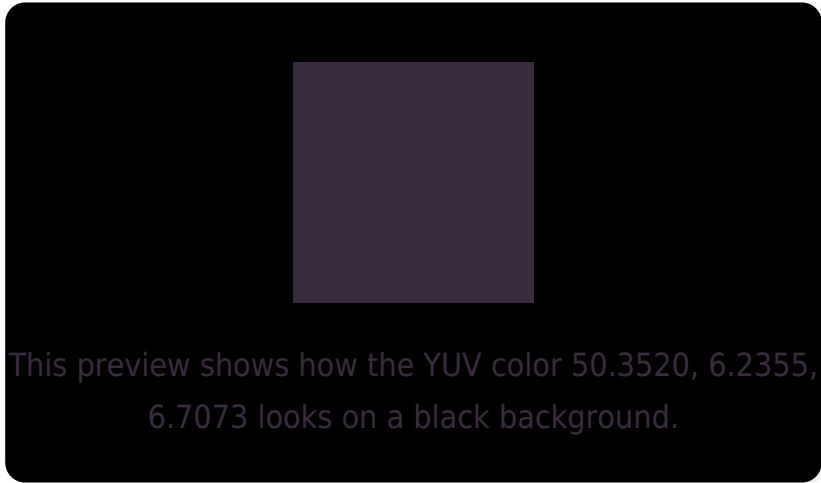
Large Text (above 18pt) WCAG AA ✓ Pass

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

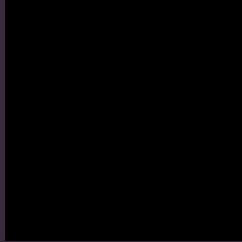
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 50.3520, 6.2355, 6.7073

Background



This preview shows how black text looks on a background with the YUV color 50.3520, 6.2355, 6.7073.



This preview shows how white text looks on a background with the YUV color 50.3520, 6.2355,

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

50.3520, 6.2355, 6.7073

Protanopia

48.8560, 8.4520, -4.2587

Deuteranopia

49.2970, 6.2626, -2.0145



Tritanopia

49.4460, 0.2731, 5.7479

Trichromacy



Original Color

50.3520, 6.2355, 6.7073

Protanomaly

49.6500, 7.5676, -0.5700

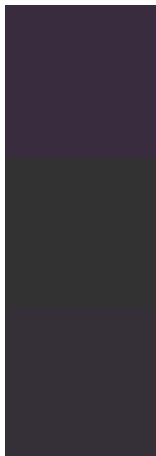
Deuteranomaly

49.9060, 5.9623, 0.9594

Tritanomaly

49.7280, 2.5991, 6.3775

Monochromacy



Original Color

50.3520, 6.2355, 6.7073

Achromatopsia

50.0000, 0.0000, 0.0000

Achromatomaly

50.2930, 2.3206, 2.3740

CSS Examples

Text

The CSS property to change the color of the text to YUV 50.3520, 6.2355, 6.7073 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(58, 44, 63)` looks like.

```
.text, #text, p{  
    color:rgb(58, 44, 63)  
}
```

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(58, 44, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 44, 63) }
```

Border

The CSS property to change the border of an element to YUV 50.3520, 6.2355, 6.7073 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(58, 44, 63) }
```


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

```
.border{ border-color:rgb(58, 44, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 44, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 44, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 44, 63);  
box-shadow:4px 4px 4px 4px rgb(58, 44, 63)  
}
```

Background

The CSS property to change the background color of an element to YUV 50.3520, 6.2355, 6.7073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 44, 63) }
```

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

```
.background{ background-color: rgb(58, 44,  
63) }
```

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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