

Converting Colors

YUV(53.1250, 0.4314, 1.6444)

Have a look what the booklet for
YUV(53.1250, 0.4314, 1.6444)
contains.

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Color

**YUV(53.1250, 0.4314,
1.6444)**

Conversions

Conversions Part 1	
Format	Color
Hex	373436
RGB	55, 52, 54
RGB Percent	22%, 20%, 21%
CMY	0.7843, 0.7961, 0.7882
CMYK	0.00, 0.05, 0.02, 0.78
HSL	320°, 3%, 21%
HSV	320°, 5%, 22%
XYZ	3.4694, 3.5345, 3.9894
YIQ	53.1250, 1.1460, 1.2580

Conversions

Conversions Part 2

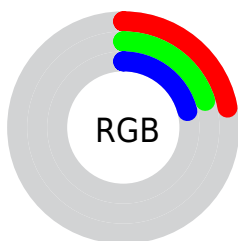
Format	Color
RYB	55, 52, 54
Decimal	3617846
CIELab	22.07, 1.77, -0.79
CIELCh	22, 1.939, 335.915
Yxy	3.5345, 0.3156, 0.3215
Android (android.graphics.Color)	4281807926 (0xFF373436)
YUV	53.1250, 0.4314, 1.6444
Hunter-Lab	18.8004, 0.0394, 0.5791

Details

The YUV color **53.1250, 0.4314, 1.6444** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **53.8750, -0.4314, -1.6444**, and the grayscale version is **53.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **99.5380, 0.7208, 2.1592**, and **7.9510, 1.0102, 2.6740** is the 20% darker color. If you saturate the color by 10%, you get **49.9620, 1.0047, 4.4183**, and if you desaturate by 10%, it is **56.8750, -0.4314, -1.6444**.

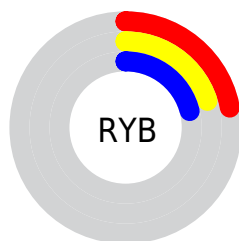
Distribution



Red (22%)

Green (20%)

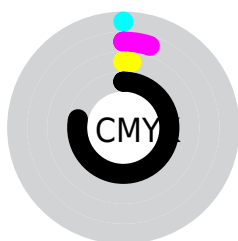
Blue (21%)



Red (22%)

Yellow (20%)

Blue (21%)

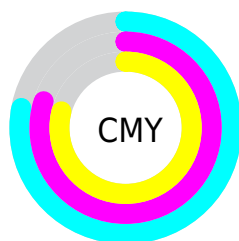


Cyan (0%)

Magenta (5%)

Yellow (2%)

Black (78%)



Cyan (78%)


Magenta (80%)


Yellow (79%)

Brightness & Saturation Gradients


These gradients show how the YUV color 53.1250, 0.4314, 1.6444 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 53.1250, 0.4314, 1.6444 by changing the saturation by 10% instead.


 53.1250, 0.4314,
1.6444


 53.1250, 0.4314,
1.6444

255.0000, 0.0000,
0.0000


 32.1250, 0.4314,
1.6444


 99.5380, 0.7208,
2.1592


 7.9510, 1.0102,
2.6740

 124.5380, 0.7208,
2.1592

 0.0000, 0.0000,
0.0000

 150.4240, 0.2840,
2.2592

 177.1250, 0.4314,
1.6444

 204.5380, 0.7208,
2.1592

 232.5380, 0.7208,

2.1592

■ 53.1250, 0.4314,
1.6444

■ 53.1250, 0.4314,
1.6444

■ 49.9620, 1.0047,
4.4183

■ 56.8750, -0.4314,
-1.6444

■ 46.2120, 1.8675,
7.7071

■ 60.0380, -1.0047,
-4.4183

■ 43.0490, 2.4408,
10.4810

■ 63.7880, -1.8675,
-7.7071

■ 39.4130, 3.7404,
13.6698

■ 66.8370, -2.8776,
-10.3810

■ 36.2500, 4.3137,
16.4438

■ 70.5870, -3.7404,
-13.6698

■ 32.5000, 5.1765,
19.7325

■ 73.7500, -4.3137,
-16.4438

■ 28.7500, 6.0393,
23.0212

■ 76.9130, -4.8871,
-19.2177

■ 25.5870, 6.6126,
25.7952

■ 80.6630, -5.7499,
-22.5065

■ 21.8370, 7.4754,
29.0840

■ 84.4130, -6.6126,
-25.7952

Harmonies

Analogous

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



52.6410, 1.1630, 0.3148



53.1250, 0.4314, 1.6444



53.3100, -0.1528, 2.3591

Triad

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



53.1250, 0.4314, 1.6444



52.9570, -1.4578, 0.9147



52.5050, 0.7370, -3.0739

Complementary

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



53.1250, 0.4314, 1.6444



53.8750, -0.4314, -1.6444

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.



52.6900, 0.1528, -2.3591



53.1250, 0.4314, 1.6444



52.3590, -1.1630, -0.3148

Square

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



53.1250, 0.4314, 1.6444



52.6690, -1.3158, 2.0443



52.8750, -0.4314, -1.6444



52.3310, 1.3158, -2.0443

Rectangle

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



53.1250, 0.4314, 1.6444



53.1960, -0.5896, 2.4591



52.8750, -0.4314, -1.6444



52.5050, 0.7370, -3.0739

Sweetspot

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



53.1250, 0.4314, 1.6444



70.4130, 0.2894, 0.5148



52.6410, 1.1630, 0.3148



35.2990, -0.1474, 0.6148



163.0000, 0.0000, 0.0000



36.0000, 0.0000, 0.0000

Same Dimension

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



53.1250, 0.4314, 1.6444



67.9510, 1.0102, 2.6740



53.0110, -0.0054, 1.7444



26.7120, 0.1420, 1.1296



34.4620, 13.0832, 50.4608



82.1250, 31.4904, 120.0394

Inverse Universe

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



53.1250, 0.4314, 1.6444



67.9510, 1.0102, 2.6740



54.1030, 0.4422, -1.8443



26.7120, 0.1420, 1.1296



34.4620, 13.0832, 50.4608



82.1250, 31.4904, 120.0394

Previews

White Background



This preview shows how the YUV color 53.1250, 0.4314, 1.6444 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 53.1250, 0.4314, 1.6444 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

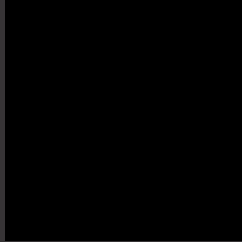
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 53.1250, 0.4314, 1.6444

Background



This preview shows how black text looks on a background with the YUV color 53.1250, 0.4314, 1.6444.

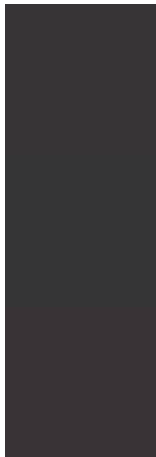


This preview shows how white text looks on a background with the YUV color 53.1250, 0.4314,

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

53.1250, 0.4314, 1.6444

Protanopia

53.1140, 0.4368, -0.1000

Deuteranopia

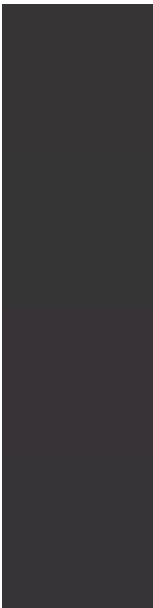
53.1360, 0.4260, 3.3887



Tritanopia

53.3530, 1.3050, 1.4444

Trichromacy



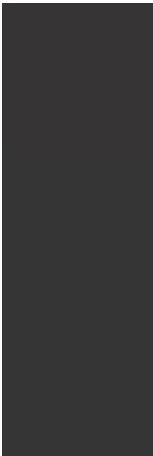
Original Color
53.1250, 0.4314, 1.6444

Protanomaly
53.4130, 0.2894, 0.5148

Deuteranomaly
52.8370, 0.5734, 2.7740

Tritanomaly
53.2390, 0.8682, 1.5444

Monochromacy



Original Color
53.1250, 0.4314, 1.6444

Achromatopsia
53.0000, 0.0000, 0.0000

Achromatomaly
53.2990, -0.1474, 0.6148

CSS Examples

Text

The CSS property to change the color of the text to YUV 53.1250, 0.4314, 1.6444 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(55, 52, 54) looks like.

```
.text, #text, p{  
    color:rgb(55, 52, 54)  
}
```

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(55, 52, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 52, 54) }
```

Border

The CSS property to change the border of an element to YUV 53.1250, 0.4314, 1.6444 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(55, 52, 54) }
```


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

```
.border{ border-color:rgb(55, 52, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 52, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 52, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 52, 54);  
box-shadow:4px 4px 4px 4px rgb(55, 52, 54)  
}
```

Background

The CSS property to change the background color of an element to YUV 53.1250, 0.4314, 1.6444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 52, 54) }
```

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

```
.background{ background-color: rgb(55, 52,  
54) }
```

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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