

Converting Colors

YUV(55.3540, 20.0385, 12.8445)

Have a look what the booklet for
YUV(55.3540, 20.0385, 12.8445)
contains.

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Color

**YUV(55.3540, 20.0385,
12.8445)**

Conversions

Conversions Part 1

Format	Color
Hex	462860
RGB	70, 40, 96
RGB Percent	27%, 16%, 38%
CMY	0.7255, 0.8431, 0.6235
CMYK	0.27, 0.58, 0.00, 0.62
HSL	272°, 41%, 27%
HSV	272°, 58%, 38%
XYZ	5.3959, 3.6642, 11.4892
YIQ	55.3540, -0.0960, 23.7760

Conversions

Conversions Part 2

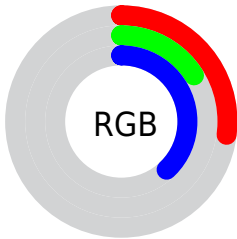
Format	Color
R_{YB}	70, 40, 96
Decimal	4597856
CIE Lab	22.53, 26.09, -28.08
CIE LCh	23, 38.333, 312.901
Yxy	3.6642, 0.2626, 0.1783
Android (android.graphics.Color)	4282787936 (0xFF462860)
YUV	55.3540, 20.0385, 12.8445
Hunter-Lab	19.1421, 16.8180, -22.1867




Details

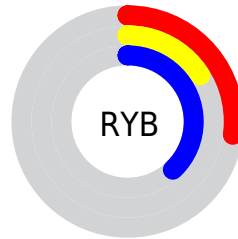
The YUV color **55.3540, 20.0385, 12.8445** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **80.6460, -20.0385, -12.8445**, and the grayscale version is **55.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **103.1200, 21.6328, 14.8038**, and **13.3600, 17.5705, 11.0853** is the 20% darker color. If you saturate the color by 10%, you get **48.2880, 23.5220, 15.5334**, and if you desaturate by 10%, it is **62.4200, 16.5549, 10.1557**.

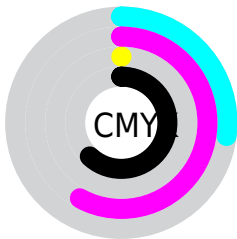
Distribution







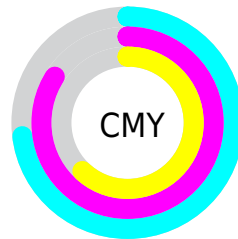
-  Red (27%)
-  Green (16%)
-  Blue (38%)






-  Red (27%)
-  Yellow (16%)
-  Blue (38%)



-  Cyan (27%)
-  Magenta (58%)
-  Yellow (0%)
-  Black (62%)



-  Cyan (73%)
-  Magenta (84%)
-  Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 55.3540, 20.0385, 12.8445 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 55.3540, 20.0385, 12.8445 by changing the saturation by 10% instead.

■ 55.3540, 20.0385,
12.8445

■ 55.3540, 20.0385,
12.8445

■ 255.0000, 0.0000,
0.0000

■ 32.5280, 19.4597,
11.8149

■ 103.1200, 21.6328,
14.8038

■ 13.3600, 17.5705,
11.0853

■ 128.6470, 22.3590,
15.2186

■ 3.6650, 11.5042,
-3.2142

■ 155.3590, 22.5010,
16.3482

■ 0.0000, 0.0000,
0.0000

■ 181.8860, 23.2272,
16.7630

■ 209.9570, 22.2062,
17.5777

■ 233.8680, 10.4181,

18.5328

250.3040, 2.3151,
4.1184

55.3540, 20.0385,
12.8445

55.3540, 20.0385,
12.8445

48.2880, 23.5220,
15.5334

62.4200, 16.5549,
10.1557

41.5100, 26.8636,
17.0927

69.1980, 13.2134,
8.5964

34.4440, 30.3471,
19.7816

76.2640, 9.7298,
5.9075

27.6660, 33.6887,
21.3409

83.0420, 6.3883,
4.3482

26.1930, 34.4149,
21.7557

90.1080, 2.9048,
1.6593

■ 97.4730, -0.7262,
-0.4148

■ 103.9520, -3.9203,
-2.5889

■ 111.3170, -7.5513,
-4.6630

■ 117.7960,
-10.7454, -6.8371

Harmonies

Analogous

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



43.6510, 32.7101, -38.2819



55.3540, 20.0385, 12.8445



51.4730, 9.6268, 39.0502

Triad

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



55.3540, 20.0385, 12.8445



50.9220, -25.1045, 25.5014



46.8530, 9.4395, -41.0901

Complementary

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



55.3540, 20.0385, 12.8445



80.6460, -20.0385, -12.8445

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.



42.8460, -3.3751, -37.5759



55.3540, 20.0385, 12.8445



49.6160, -24.4607, 5.5988

Square

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



55.3540, 20.0385, 12.8445



50.1980, -16.8596, 41.0454



43.2430, -18.8538, -19.5071



49.2300, 21.0856, -43.1747

Rectangle

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



55.3540, 20.0385, 12.8445



49.0520, 1.4534, 47.3124



43.2430, -18.8538, -19.5071



45.1260, 5.3609, -39.5755

Sweetspot

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



55.3540, 20.0385, 12.8445



108.5090, 8.1301, 5.6926



61.6460, 16.9365, -18.9835



53.6890, 5.0833, 2.9037



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



55.3540, 20.0385, 12.8445



61.0850, 31.5101, 20.0965



62.9000, 15.3323, 29.0287



45.0540, 1.4524, 0.8296



30.7080, 40.0770, 25.6891



65.6320, 85.9634, 54.6967

Inverse Universe

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



59.7080, 3.1020, 31.8281



67.9860, 4.9369, 50.0013



73.1000, -15.3323, -29.0287



45.4240, 0.2840, 2.2592



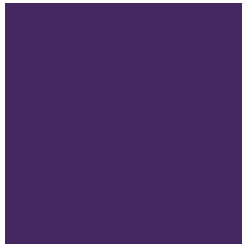
39.4160, 6.2039, 63.6562



84.4140, 13.1069, 136.4489

Previews

White Background



This preview shows how the YUV color 55.3540, 20.0385, 12.8445 looks on a white background.

Color Contrast Check

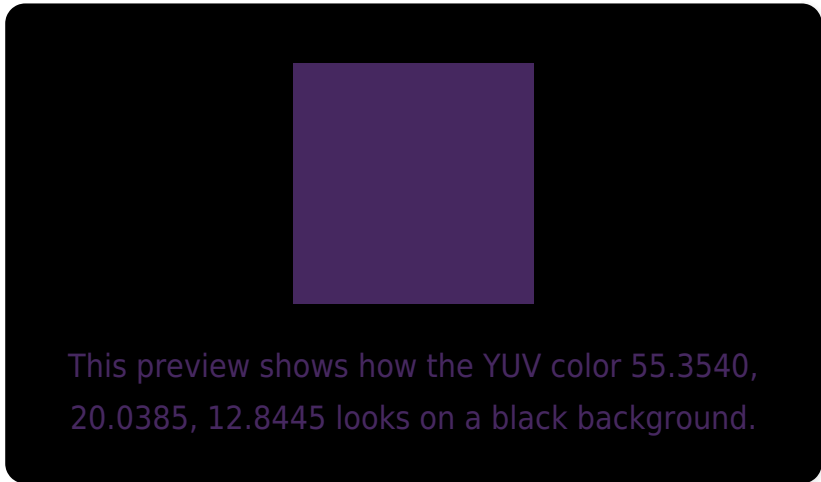
Large Text (above 18pt) WCAG AA ✓ Pass

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

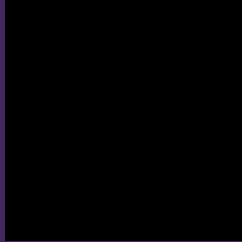
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 55.3540, 20.0385, 12.8445

Background



This preview shows how black text looks on a background with the YUV color 55.3540, 20.0385, 12.8445.



This preview shows how white text looks on a background with the YUV color 55.3540, 20.0385,

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

55.3540, 20.0385, 12.8445

Protanopia

47.7340, 30.2041, -27.8307

Deuteranopia

50.3620, 21.0205, -22.2425



Tritanopia

55.0440, -0.0217, 6.9774

Trichromacy



Original Color

55.3540, 20.0385, 12.8445

Protanomaly

50.7960, 26.2296, -12.9761

Deuteranomaly

52.3250, 20.5458, -9.9320

Tritanomaly

55.3030, 7.2456, 9.3813

Monochromacy



Original Color

55.3540, 20.0385, 12.8445

Achromatopsia

55.0000, 0.0000, 0.0000

Achromatomaly

55.2700, 7.2619, 4.1482

CSS Examples

Text

The CSS property to change the color of the text to YUV 55.3540, 20.0385, 12.8445 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(70, 40, 96)` looks like.

```
.text, #text, p{  
    color:rgb(70, 40, 96)  
}
```

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(70, 40, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 40, 96) }
```

Border

The CSS property to change the border of an element to YUV 55.3540, 20.0385, 12.8445 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(70, 40, 96) }
```


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

```
.border{ border-color:rgb(70, 40, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 40, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 40, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 40, 96);  
box-shadow:4px 4px 4px 4px rgb(70, 40, 96)  
}
```

Background

The CSS property to change the background color of an element to YUV 55.3540, 20.0385, 12.8445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 40, 96) }
```

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

```
.background{ background-color: rgb(70, 40,  
96) }
```

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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