

Converting Colors

YUV(55.4320, 1.2660, -32.8279)

Have a look what the booklet for
YUV(55.4320, 1.2660, -32.8279)
contains.

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Color

**YUV(55.4320, 1.2660,
-32.8279)**

Conversions

Conversions Part 1

Format	Color
Hex	124A3A
RGB	18, 74, 58
RGB Percent	7%, 29%, 23%
CMY	0.9294, 0.7098, 0.7725
CMYK	0.76, 0.00, 0.22, 0.71
HSL	163°, 61%, 18%
HSV	163°, 76%, 29%
XYZ	3.4620, 5.3316, 4.8496
YIQ	55.4320, -28.2400, -16.8480

Conversions

Conversions Part 2

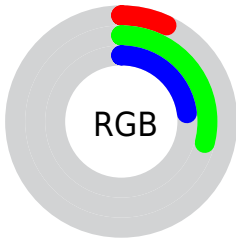
Format	Color
R_{YB}	18, 51, 74
Decimal	1198650
CIE Lab	27.66, -22.45, 4.38
CIE LCh	28, 22.869, 168.957
Yxy	5.3316, 0.2537, 0.3908
Android (android.graphics.Color)	4279388730 (0xFF124A3A)
YUV	55.4320, 1.2660, -32.8279
Hunter-Lab	23.0904, -13.6455, 3.7107

Details

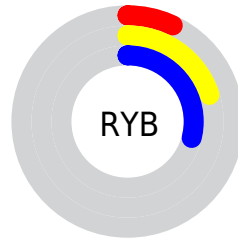
The YUV color **55.4320, 1.2660, -32.8279** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **36.5680, -1.2660, 32.8279**, and the grayscale version is **55.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **105.1010, -0.0498, -30.7836**, and **19.9070, -2.4192, -17.4584** is the 20% darker color. If you saturate the color by 10%, you get **53.1110, 1.4243, -36.9313**, and if you desaturate by 10%, it is **57.7530, 1.1078, -28.7244**.

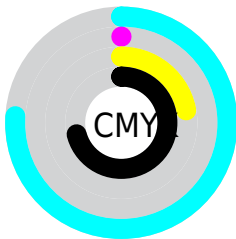
Distribution



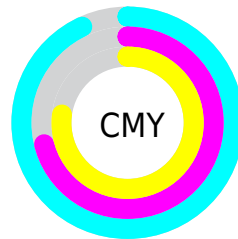
- Red (7%)
- Green (29%)
- Blue (23%)



- Red (7%)
- Yellow (20%)
- Blue (29%)



- Cyan (76%)
- Magenta (0%)
- Yellow (22%)
- Black (71%)



- Cyan (93%)
- Magenta (71%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YUV color 55.4320, 1.2660, -32.8279 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 55.4320, 1.2660, -32.8279 by changing the saturation by 10% instead.

■ 55.4320, 1.2660,
-32.8279

■ 55.4320, 1.2660,
-32.8279

255.0000, 0.0000,
0.0000

■ 34.0410, 0.9658,
-29.8540

■ 105.1010, -0.0498,
-30.7836

■ 19.9070, -2.4192,
-17.4584

■ 130.6880, -0.3392,
-31.2984

■ 0.0000, 0.0000,
0.0000

■ 157.2750, -0.6286,
-31.8132

■ 184.5630, -0.7706,
-32.9428

■ 212.5630, -0.7706,
-32.9428

■ 237.3290, 0.8238,

-30.9835

■ 247.8240, 3.5378,
-14.7546

■ 55.4320, 1.2660,
-32.8279

■ 55.4320, 1.2660,
-32.8279

■ 53.1110, 1.4243,
-36.9313

■ 57.7530, 1.1078,
-28.7244

■ 50.4910, 1.7299,
-41.6496

■ 60.3730, 0.8021,
-24.0061

■ 49.4800, 1.7354,
-43.3940

■ 62.6940, 0.6439,
-19.9026

■ 65.3140, 0.3382,
-15.1844

■ 67.7490, 0.6167,
-11.1809

■ 70.0700, 0.4585,
-7.0774

■ 72.6900, 0.1528,
-2.3591

■ 75.0110, -0.0054,
1.7444

■ 77.6310, -0.3111,
6.4626

Harmonies

Analogous

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



60.5070, -9.1240, -13.5996



55.4320, 1.2660, -32.8279



52.1020, 11.7817, -45.6935

Triad

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



55.4320, 1.2660, -32.8279



65.1960, 16.1724, -7.1879



65.5380, -12.5902, 24.9612

Complementary

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



55.4320, 1.2660, -32.8279



36.5680, -1.2660, 32.8279

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.



66.3950, -5.6177, 28.5946



55.4320, 1.2660, -32.8279



67.7100, 10.0030, 11.6553

Square

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



55.4320, 1.2660, -32.8279



58.0680, 20.1795, -32.5086



67.2510, 2.8343, 24.3359



64.4460, -16.4889, 15.3949

Rectangle

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



55.4320, 1.2660, -32.8279



53.3560, 16.5865, -46.7932



67.2510, 2.8343, 24.3359



65.4180, -10.5591, 26.8204

Sweetspot

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



55.4320, 1.2660, -32.8279



89.7380, 0.6222, -12.9252



55.9550, -18.7118, -18.3775



43.7710, 0.6059, -7.6922



176.0000, 0.0000, 0.0000



48.0000, 0.0000, 0.0000

Same Dimension

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



55.4320, 1.2660, -32.8279



67.8380, 2.0519, -51.6009



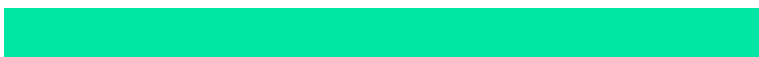
50.7990, 11.4381, -28.7647



36.6900, 0.1528, -2.3591



68.1960, 2.3684, -59.8079



153.7060, 5.0749, -134.8002

Inverse Universe

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



36.5680, -1.2660, 32.8279



38.1620, -2.0519, 51.6009



41.2010, -11.4381, 28.7647



35.4240, 0.2840, 2.2592



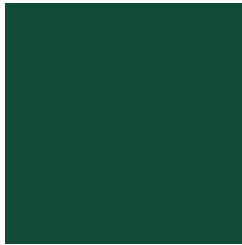
33.8040, -2.3684, 59.8079



76.2940, -5.0749, 134.8002

Previews

White Background



This preview shows how the YUV color 55.4320, 1.2660, -32.8279 looks on a white background.

Color Contrast Check

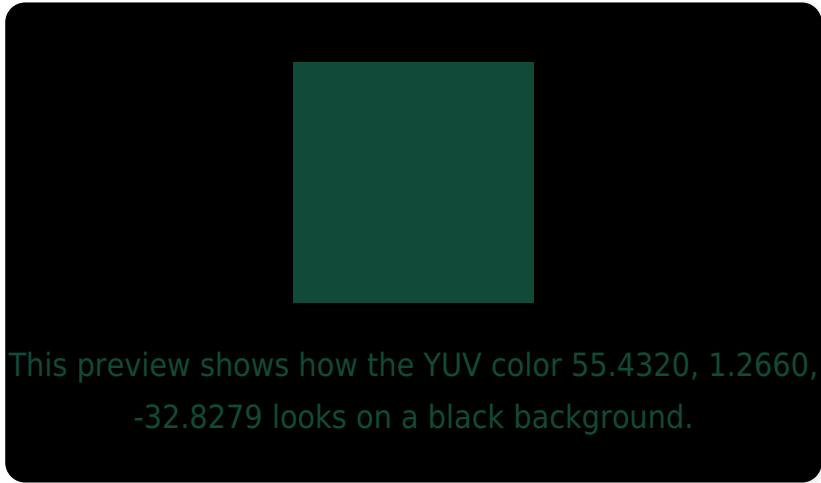
Large Text (above 18pt) WCAG AA ✓ Pass

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 55.4320, 1.2660, -32.8279

Background



This preview shows how black text looks on a background with the YUV color 55.4320, 1.2660, -32.8279.



This preview shows how white text looks on a background with the YUV color 55.4320, 1.2660, -32.8279.

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

55.4320, 1.2660, -32.8279

Protanopia

64.9420, -5.3944, 3.5589

Deuteranopia

65.6480, -2.7845, 6.4477



Tritanopia

58.8270, 8.9593, -27.0353

Trichromacy



Original Color

55.4320, 1.2660, -32.8279

Protanomaly

61.1360, -3.0250, -9.7663

Deuteranomaly

61.9020, -1.4307, -7.8071

Tritanomaly

57.4200, 6.2019, -29.3093

Monochromacy



Original Color

55.4320, 1.2660, -32.8279

Achromatopsia

55.0000, 0.0000, 0.0000

Achromatomaly

55.3360, 0.3274, -11.6957

CSS Examples

Text

The CSS property to change the color of the text to YUV 55.4320, 1.2660, -32.8279 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(18, 74, 58)` looks like.

```
.text, #text, p{  
    color:rgb(18, 74, 58)  
}
```

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(18, 74, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 74, 58) }
```

Border

The CSS property to change the border of an element to YUV 55.4320, 1.2660, -32.8279 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(18, 74, 58) }
```


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

```
.border{ border-color:rgb(18, 74, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(18, 74, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 74, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 74, 58);  
box-shadow:4px 4px 4px 4px rgb(18, 74, 58)  
}
```

Background

The CSS property to change the background color of an element to YUV 55.4320, 1.2660, -32.8279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 74, 58) }
```

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

```
.background{ background-color: rgb(18, 74,  
58) }
```

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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