

Converting Colors

YUV(103.2320, 1.3646,
-17.7435)

Have a look what the booklet for
YUV(103.2320, 1.3646, -17.7435)
contains.

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Color

**YUV(103.2320, 1.3646,
-17.7435)**

Conversions

Conversions Part 1

Format	Color
Hex	53716A
RGB	83, 113, 106
RGB Percent	33%, 44%, 42%
CMY	0.6745, 0.5569, 0.5843
CMYK	0.27, 0.00, 0.06, 0.56
HSL	166°, 15%, 38%
HSV	166°, 27%, 44%
XYZ	12.0739, 14.6899, 15.8347
YIQ	103.2320, -15.6330, -8.5370

Conversions

Conversions Part 2

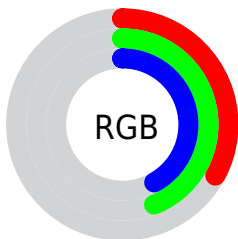
Format	Color
R_{YB}	83, 100, 113
Decimal	5468522
CIE _{Lab}	45.21, -12.47, 0.35
CIE _{LCh}	45, 12.479, 178.378
Yxy	14.6899, 0.2834, 0.3448
Android (android.graphics.Color)	4283658602 (0xFF53716A)
YUV	103.2320, 1.3646, -17.7435
Hunter-Lab	38.3274, -10.8416, 2.3338

Details

The YUV color **103.2320, 1.3646, -17.7435** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **92.7680, -1.3646, 17.7435**, and the grayscale version is **103.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **154.5200, 1.2226, -18.8730**, and **55.9440, 1.5066, -16.6139** is the 20% darker color. If you saturate the color by 10%, you get **99.6010, 1.6757, -24.2061**, and if you desaturate by 10%, it is **106.8630, 1.0535, -11.2809**.

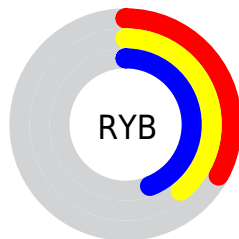
Distribution



Red (33%)

Green (44%)

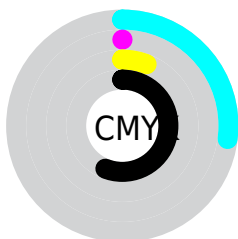
Blue (42%)



Red (33%)

Yellow (39%)

Blue (44%)

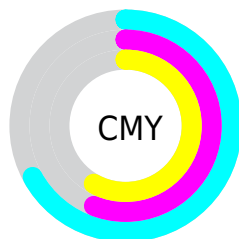


Cyan (27%)

Magenta (0%)

Yellow (6%)

Black (56%)



Cyan (67%)

Magenta (56%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 103.2320, 1.3646, -17.7435 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 103.2320, 1.3646, -17.7435 by changing the saturation by 10% instead.

■ 103.2320, 1.3646,
-17.7435

■ 103.2320, 1.3646,
-17.7435

■ 255.0000, 0.0000,
0.0000

■ 78.6450, 1.6540,
-17.2287

■ 154.5200, 1.2226,
-18.8730

■ 55.9440, 1.5066,
-16.6139

■ 181.5200, 1.2226,
-18.8730

■ 33.6450, 1.6540,
-17.2287

■ 209.2210, 1.3700,
-19.4878

■ 15.3250, 0.3328,
-13.4400

■ 237.2210, 1.3700,
-19.4878

■ 0.0000, 0.0000,
0.0000

■ 251.4120, 1.7689,
-7.3773

■ 103.2320, 1.3646,
-17.7435

■ 103.2320, 1.3646,
-17.7435

■ 99.6010, 1.6757,
-24.2061

■ 106.8630, 1.0535,
-11.2809

■ 95.7850, 2.5710,
-31.3834

■ 110.6790, 0.1583,
-4.1035

■ 92.1540, 2.8821,
-37.8461

■ 114.3100, -0.1528,
2.3591

■ 88.5230, 3.1932,
-44.3087

■ 117.9410, -0.4639,
8.8217

■ 85.0060, 3.9410,
-50.8713

■ 121.4580, -1.2118,
15.3843

■ 81.0760, 4.3995,
-57.9487

■ 125.3880, -1.6703,
22.4617

■ 77.5590, 5.1474,
-64.5112

■ 128.9050, -2.4182,
29.0243

■ 76.2490, 5.3002,

■ 132.5360, -2.7292,

-66.8704

35.4869

■ 136.4660, -3.1877,
42.5643

Harmonies

Analogous

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



104.4950, -4.1880, -10.0811



103.2320, 1.3646, -17.7435



103.1760, 6.3222, -21.2024

Triad

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



103.2320, 1.3646, -17.7435



108.1770, 8.2937, -0.1552



107.7970, -8.7739, 14.2100

Complementary

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



103.2320, 1.3646, -17.7435



92.7680, -1.3646, 17.7435

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.



108.4430, -5.1484, 18.0285



103.2320, 1.3646, -17.7435



108.6190, 4.6248, 9.9811

Square

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



103.2320, 1.3646, -17.7435



106.3930, 10.6523, -9.9917



108.9850, -0.4856, 15.7992



106.7100, -10.2100, 8.1473

Rectangle

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



103.2320, 1.3646, -17.7435



103.8710, 8.9376, -20.0579



108.9850, -0.4856, 15.7992



108.0360, -7.9057, 15.7544

Sweetspot

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



103.2320, 1.3646, -17.7435



144.0700, 0.4585, -7.0774



102.7030, -9.7136, -11.1405



71.6790, 0.1583, -4.1035



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



103.2320, 1.3646, -17.7435



132.6930, 2.1234, -27.7948



99.3340, 6.7373, -14.3249



54.0920, 0.4476, -3.5887



80.9280, 5.4585, -70.9739



166.6490, 11.5120, -146.1512

Inverse Universe

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



92.7680, -1.3646, 17.7435



116.3070, -2.1234, 27.7948



96.6660, -6.7373, 14.3249



52.0220, -0.0108, 3.4887



39.0720, -5.4585, 70.9739



80.4650, -11.0752, 146.0512

Previews

White Background



This preview shows how the YUV color 103.2320, 1.3646, -17.7435 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 × Fail

Black Background



This preview shows how the YUV color 103.2320, 1.3646, -17.7435 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

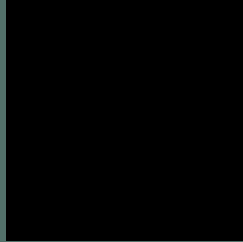
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 103.2320, 1.3646, -17.7435

Background



This preview shows how black text looks on a background with the YUV color 103.2320, 1.3646, -17.7435.



This preview shows how white text looks on a background with the YUV color 103.2320, 1.3646, -17.7435.

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

103.2320, 1.3646, -17.7435

Protanopia

106.7400, -2.3368, 2.8590

Deuteranopia

107.4570, 0.2677, 7.4922



Tritanopia

104.5510, 7.6164, -16.2692

Trichromacy



Original Color

103.2320, 1.3646, -17.7435

Protanomaly

105.6250, -1.2941, -4.9331

Deuteranomaly

106.1030, 0.4422, -1.8443

Tritanomaly

104.2690, 5.2904, -16.8989

Monochromacy



Original Color

103.2320, 1.3646, -17.7435

Achromatopsia

103.0000, 0.0000, 0.0000

Achromatomaly

103.3690, 0.3111, -6.4626

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.2320, 1.3646, -17.7435 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(83, 113, 106)` looks like.

```
.text, #text, p{  
    color:rgb(83, 113, 106)  
}
```

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(83, 113, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 113, 106) }
```

Border

The CSS property to change the border of an element to YUV 103.2320, 1.3646, -17.7435 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(83, 113, 106) }
```


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

```
.border{ border-color:rgb(83, 113, 106) }
```

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

Here you see how a box with a 4 pixel rgb(83, 113, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 113, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 113, 106);  
box-shadow:4px 4px 4px 4px rgb(83, 113,  
106) }
```

Background

The CSS property to change the background color of an element to YUV 103.2320, 1.3646, -17.7435 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 113, 106) }
```

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

```
.background{ background-color: rgb(83, 113,  
106) }
```

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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