

Converting Colors

YUV(103.6320, -24.9616,
73.1137)

Have a look what the booklet for
YUV(103.6320, -24.9616, 73.1137)
contains.

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Color

**YUV(103.6320, -24.9616,
73.1137)**

Conversions

Conversions Part 1

Format	Color
Hex	BB4735
RGB	187, 71, 53
RGB Percent	73%, 28%, 21%
CMY	0.2667, 0.7216, 0.7922
CMYK	0.00, 0.62, 0.72, 0.27
HSL	8°, 56%, 47%
HSV	8°, 72%, 73%
XYZ	23.3894, 15.3283, 5.0941
YIQ	103.6320, 74.9140, 18.9940

Conversions

Conversions Part 2

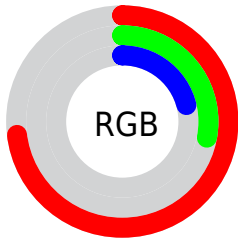
Format	Color
R_{YB}	187, 74, 53
Decimal	12273461
CIE _{Lab}	46.08, 45.74, 34.97
CIE _{LCh}	46, 57.574, 37.401
Yxy	15.3283, 0.5339, 0.3499
Android (android.graphics.Color)	4290463541 (0xFFBB4735)
YUV	103.6320, -24.9616, 73.1137
Hunter-Lab	39.1514, 38.1224, 19.6916

Details

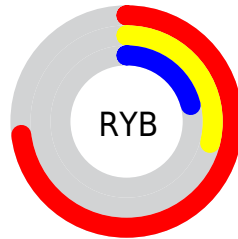
The YUV color **103.6320, -24.9616, 73.1137** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **136.3680, 24.9616, -73.1137**, and the grayscale version is **104.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **158.6390, -28.9090, 79.2466**, and **46.0430, -18.2622, 70.9993** is the 20% darker color. If you saturate the color by 10%, you get **92.0740, -28.6305, 83.2501**, and if you desaturate by 10%, it is **115.1900, -21.2927, 62.9774**.

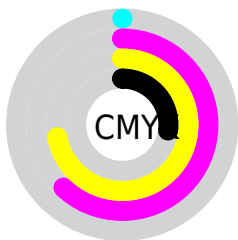
Distribution



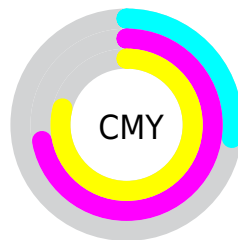
- Red (73%)
- Green (28%)
- Blue (21%)



- Red (73%)
- Yellow (29%)
- Blue (21%)



- Cyan (0%)
- Magenta (62%)
- Yellow (72%)
- Black (27%)



- Cyan (27%)
- Magenta (72%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YUV color 103.6320, -24.9616, 73.1137 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 103.6320, -24.9616, 73.1137 by changing the saturation by 10% instead.

■ 103.6320,
-24.9616, 73.1137

■ 103.6320,
-24.9616, 73.1137

■ 255.0000, 0.0000,
0.0000

■ 76.3050, -22.3354,
70.7695

■ 158.6390,
-28.9090, 79.2466

■ 46.0430, -18.2622,
70.9993

■ 179.2460,
-26.2503, 66.4363

■ 29.3020, -14.4459,
60.2481

■ 198.6460,
-22.9965, 49.4225

■ 20.3320, -10.0237,
41.8048

■ 218.1600,
-19.3059, 32.3087

■ 12.6720, -5.7543,
25.7207

■ 238.2610,
-15.9047, 14.6801

■ 0.0000, 0.0000,
0.0000

■ 252.7200, -8.7360,

1.9996

■ 103.6320,
-24.9616, 73.1137

■ 103.6320,
-24.9616, 73.1137

■ 92.0740, -28.6305,
83.2501

■ 115.1900,
-21.2927, 62.9774

■ 80.6300, -31.8626,
93.2865

■ 126.6340,
-18.0606, 52.9410

■ 70.5880, -34.7999,
102.0933

■ 138.7790,
-14.6810, 42.2898

■ 150.3370,
-11.0121, 32.1535

■ 161.8950, -7.3432,
22.0171

■ 173.3390, -4.1111,
11.9807

■ 184.8970, -0.4422,
1.8443

■ 197.0420, 2.9373,
-8.8068

■ 208.4860, 6.1694,
-18.8432

Harmonies

Analogous

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



102.7510, -1.8492, 80.0254



103.6320, -24.9616, 73.1137



103.0010, -48.3145, 49.9881

Triad

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



103.6320, -24.9616, 73.1137



83.7030, -6.7556, -73.4075



88.5270, 57.4212, -77.6382

Complementary

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



103.6320, -24.9616, 73.1137



136.3680, 24.9616, -73.1137

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.



95.3600, 50.6015, -83.6307



103.6320, -24.9616, 73.1137



90.5770, 14.5055, -79.4360

Square

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



103.6320, -24.9616, 73.1137



94.5250, -36.7408, -22.3854



95.3480, 35.3244, -83.6202



111.9960, 36.4840, 11.4045

Rectangle

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



103.6320, -24.9616, 73.1137



102.5870, -50.5754, 28.4262



95.3480, 35.3244, -83.6202



91.5760, 56.4110, -80.3122

Sweetspot

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



103.6320, -24.9616, 73.1137



210.3580, -9.5435, 27.7500



106.2900, 30.9160, 70.7827



103.3180, -5.5798, 16.3841



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



103.6320, -24.9616, 73.1137



112.6280, -38.7636, 113.4592



142.9610, -44.3508, 38.6222



88.2780, -1.6161, 5.0182



59.5690, -29.3675, 86.3240



11.6170, -5.7272, 16.9989

Inverse Universe

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



136.3680, 24.9616, -73.1137



163.3720, 38.7636, -113.4592



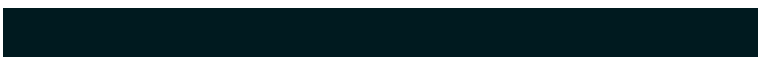
97.0390, 44.3508, -38.6222



90.7220, 1.6161, -5.0182



98.4310, 29.3675, -86.3240



18.7960, 6.0166, -16.4841

Previews

White Background



This preview shows how the YUV color 103.6320, -24.9616, 73.1137 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 103.6320, -24.9616, 73.1137 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

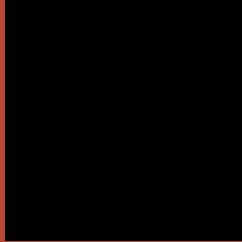
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 103.6320, -24.9616, 73.1137

Background



This preview shows how black text looks on a background with the YUV color 103.6320, -24.9616, 73.1137.



This preview shows how white text looks on a background with the YUV color 103.6320, -24.9616, 73.1137.

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

103.6320, -24.9616, 73.1137

Protanopia

107.9740, -20.6932, 10.5468

Deuteranopia

106.9560, -30.0513, 25.4716



Tritanopia

104.4500, -15.5048, 73.2734

Trichromacy



Original Color

103.6320, -24.9616, 73.1137

Protanomaly

106.3620, -22.3635, 33.0085

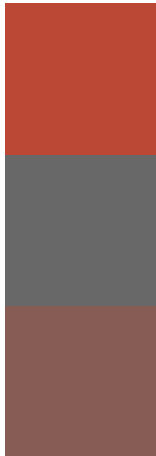
Deuteranomaly

105.9350, -28.0690, 43.0300

Tritanomaly

104.2390, -18.8518, 73.4584

Monochromacy



Original Color

103.6320, -24.9616, 73.1137

Achromatopsia

104.0000, 0.0000, 0.0000

Achromatomaly

103.7600, -9.2487, 26.5205

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.6320, -24.9616, 73.1137 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(187, 71, 53)` looks like.

```
.text, #text, p{  
  color:rgb(187, 71, 53)  
}
```

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(187, 71, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 71, 53) }
```

Border

The CSS property to change the border of an element to YUV 103.6320, -24.9616, 73.1137 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(187, 71, 53) }
```


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

```
.border{ border-color:rgb(187, 71, 53) }
```

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

Here you see how a box with a 4 pixel rgb(187, 71, 53) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 71, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 71, 53);  
box-shadow:4px 4px 4px 4px rgb(187, 71,  
53) }
```

Background

The CSS property to change the background color of an element to YUV 103.6320, -24.9616, 73.1137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 71, 53) }
```

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

```
.background{ background-color: rgb(187, 71,  
53) }
```

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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