

Converting Colors

YUV(53.3630, -23.8430,
40.9006)

Have a look what the booklet for
YUV(53.3630, -23.8430, 40.9006)
contains.

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Color

**YUV(53.3630, -23.8430,
40.9006)**

Conversions

Conversions Part 1

Format	Color
Hex	642705
RGB	100, 39, 5
RGB Percent	39%, 15%, 2%
CMY	0.6078, 0.8471, 0.9804
CMYK	0.00, 0.61, 0.95, 0.61
HSL	21°, 90%, 21%
HSV	21°, 95%, 39%
XYZ	6.0084, 4.1713, 0.6320
YIQ	53.3630, 47.2700, 2.3580

Conversions

Conversions Part 2

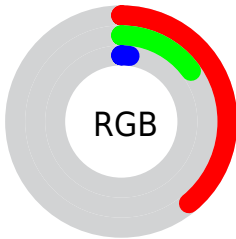
Format	Color
R_{YB}	100, 58, 5
Decimal	6563589
CIE Lab	24.23, 25.77, 32.74
CIE LCh	24, 41.665, 51.784
Yxy	4.1713, 0.5557, 0.3858
Android (android.graphics.Color)	4284753669 (0xFF642705)
YUV	53.3630, -23.8430, 40.9006
Hunter-Lab	20.4238, 16.7709, 12.4618

Details

The YUV color **53.3630, -23.8430, 40.9006** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **51.6370, 23.8430, -40.9006**, and the grayscale version is **54.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **102.9400, -25.6064, 46.5336**, and **14.0530, -6.9281, 28.8945** is the 20% darker color. If you saturate the color by 10%, you get **51.0320, -25.1588, 42.9449**, and if you desaturate by 10%, it is **58.0250, -21.2113, 36.8121**.

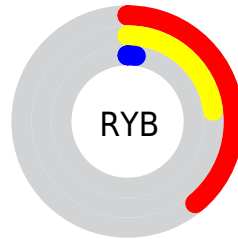
Distribution



Red (39%)

Green (15%)

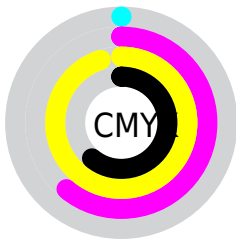
Blue (2%)



Red (39%)

Yellow (23%)

Blue (2%)

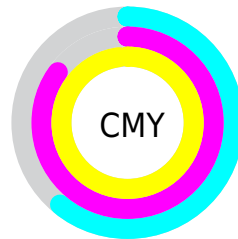


Cyan (0%)

Magenta (61%)

Yellow (95%)

Black (61%)



Cyan (61%)


Magenta (85%)


Yellow (98%)


Brightness & Saturation Gradients


These gradients show how the YUV color 53.3630, -23.8430, 40.9006 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 53.3630, -23.8430, 40.9006 by changing the saturation by 10% instead.


 53.3630, -23.8430,
40.9006

 53.3630, -23.8430,
40.9006


 252.4920, -9.6096,
2.1995


 31.2190, -15.3910,
36.6419

 102.9400,
-25.6064, 46.5336


 14.0530, -6.9281,
28.8945


 128.9080,
-27.0696, 49.1927

 0.5980, -0.2948,
1.2296

 155.6910,
-27.9487, 51.1370

 0.0000, 0.0000,
0.0000

 182.7730,
-28.9751, 53.6961

 205.4620,
-27.3428, 43.4448

 224.9760,

-23.6522, 26.3310

■ 244.4900,
-19.9616, 9.2173

■ 53.3630, -23.8430,
40.9006

■ 53.3630, -23.8430,
40.9006

■ 51.0320, -25.1588,
42.9449

■ 58.0250, -21.2113,
36.8121

■ 63.2740, -18.8691,
32.2087

■ 67.9360, -16.2374,
28.1201

■ 73.1850, -13.8952,
23.5168

■ 77.8470, -11.2636,
19.4282

■ 83.0960, -8.9213,
14.8248

■ 87.7580, -6.2897,
10.7362

■ 92.4200, -3.6581,
6.6477

■ 97.6690, -1.3158,
2.0443

Harmonies

Analogous

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



50.7940, -7.2934, 52.8007



53.3630, -23.8430, 40.9006



54.7320, -26.9829, 21.2830

Triad

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



53.3630, -23.8430, 40.9006



47.1490, 0.4195, -41.3497



54.5010, 30.3190, -17.9794

Complementary

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



53.3630, -23.8430, 40.9006



51.6370, 23.8430, -40.9006

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.



51.2480, 33.8947, -44.9445



53.3630, -23.8430, 40.9006



50.7970, 14.3971, -44.5490

Square

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



53.3630, -23.8430, 40.9006



41.6260, -13.1266, -36.5060



53.2880, 26.4800, -46.7336



58.4910, 18.9849, 24.1254

Rectangle

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



53.3630, -23.8430, 40.9006



53.4590, -26.3553, 6.6135



53.2880, 26.4800, -46.7336



47.1390, 35.9205, -41.3409

Sweetspot

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



53.3630, -23.8430, 40.9006



111.5800, -9.6529, 16.1543



40.4730, 13.0778, 52.2052



54.5730, -5.7055, 10.0215



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



53.3630, -23.8430, 40.9006



66.4590, -32.7643, 55.7255



80.9520, -37.4443, 16.7051



48.6690, -1.3158, 2.0443



58.4520, -28.8168, 49.5926



123.4270, -60.8495, 103.9885

Inverse Universe

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



51.6370, 23.8430, -40.9006



64.1280, 32.4749, -56.2403



24.0480, 37.4443, -16.7051



48.3310, 1.3158, -2.0443



56.5480, 28.8168, -49.5926



119.1600, 60.5601, -104.5033

Previews

White Background



This preview shows how the YUV color 53.3630, -23.8430, 40.9006 looks on a white background.

Color Contrast Check

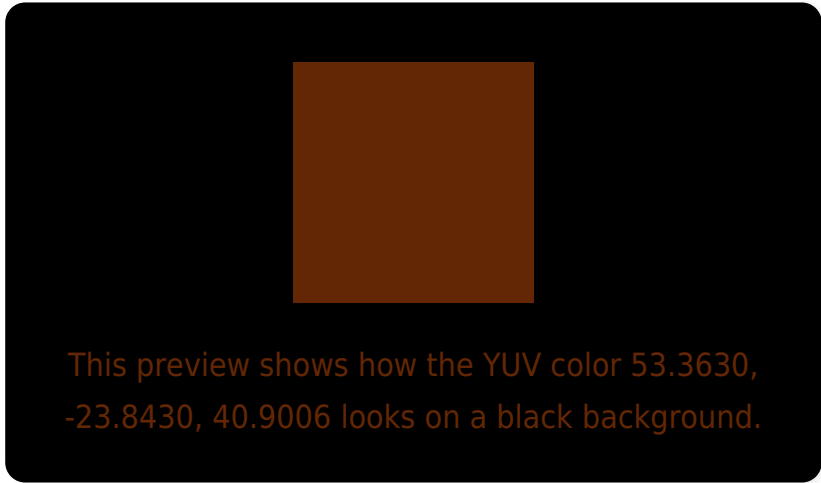
Large Text (above 18pt) WCAG AA ✓ Pass

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

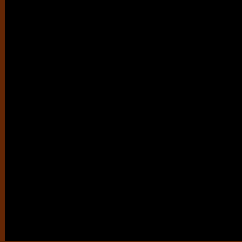
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 53.3630, -23.8430, 40.9006

Background



This preview shows how black text looks on a background with the YUV color 53.3630, -23.8430, 40.9006.



This preview shows how white text looks on a background with the YUV color 53.3630, -23.8430,

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

53.3630, -23.8430, 40.9006

Protanopia

55.6210, -21.9982, 9.1024

Deuteranopia

54.9980, -27.1140, 16.6648



Tritanopia

55.6630, -8.7079, 39.7605

Trichromacy



Original Color

53.3630, -23.8430, 40.9006

Protanomaly

54.8720, -22.6149, 20.2833

Deuteranomaly

54.3950, -25.8307, 25.0866

Tritanomaly

54.8820, -14.2388, 40.4455

Monochromacy



Original Color

53.3630, -23.8430, 40.9006

Achromatopsia

53.0000, 0.0000, 0.0000

Achromatomaly

53.2100, -8.4845, 14.7248

CSS Examples

Text

The CSS property to change the color of the text to YUV 53.3630, -23.8430, 40.9006 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(100, 39, 5)` looks like.

```
.text, #text, p{  
    color:rgb(100, 39, 5)  
}
```

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(100, 39, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 39, 5) }
```

Border

The CSS property to change the border of an element to YUV 53.3630, -23.8430, 40.9006 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(100, 39, 5) }
```


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

```
.border{ border-color:rgb(100, 39, 5) }
```

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

Here you see how a box with a 4 pixel rgb(100, 39, 5) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 39, 5); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 39, 5);  
box-shadow:4px 4px 4px 4px rgb(100, 39, 5)  
}
```

Background

The CSS property to change the background color of an element to YUV 53.3630, -23.8430, 40.9006 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 39, 5) }
```

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

```
.background{ background-color: rgb(100, 39,  
5) }
```

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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