

Converting Colors

YUV(123.5360, -53.0152,
64.4279)

Have a look what the booklet for
YUV(123.5360, -53.0152, 64.4279)
contains.

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Color

**YUV(123.5360, -53.0152,
64.4279)**

Conversions

Conversions Part 1

Format	Color
Hex	C56B10
RGB	197, 107, 16
RGB Percent	77%, 42%, 6%
CMY	0.2275, 0.5804, 0.9373
CMYK	0.00, 0.46, 0.92, 0.23
HSL	30°, 85%, 42%
HSV	30°, 92%, 77%
XYZ	28.3772, 22.4231, 3.3227
YIQ	123.5360, 82.8510, -9.2210

Conversions

Conversions Part 2

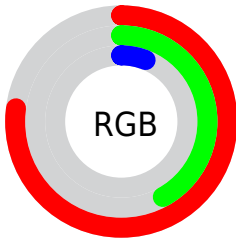
Format	Color
RYB	195, 197, 16
Decimal	12938000
CIELab	54.47, 30.42, 59.01
CIELCh	54, 66.385, 62.730
Yxy	22.4231, 0.5243, 0.4143
Android (android.graphics.Color)	4291128080 (0xFFC56B10)
YUV	123.5360, -53.0152, 64.4279
Hunter-Lab	47.3531, 24.1015, 28.9869

Details

The YUV color **123.5360, -53.0152, 64.4279** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **89.4640, 53.0152, -64.4279**, and the grayscale version is **124.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **177.9000, -51.7157, 67.6167**, and **75.0090, -36.9794, 54.3661** is the 20% darker color. If you saturate the color by 10%, you get **117.0160, -57.6889, 70.1460**, and if you desaturate by 10%, it is **131.6860, -47.1732, 57.2804**.

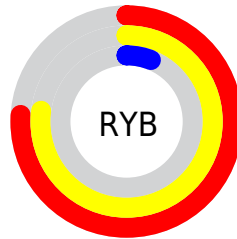
Distribution



Red (77%)

Green (42%)

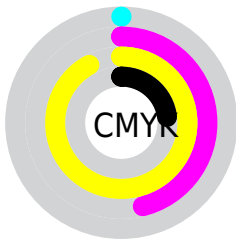
Blue (6%)



Red (76%)

Yellow (77%)

Blue (6%)

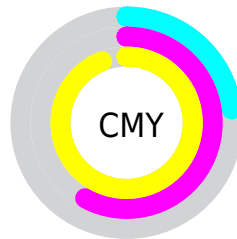


Cyan (0%)

Magenta (46%)

Yellow (92%)

Black (23%)



Cyan (23%)

Magenta (58%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the YUV color 123.5360, -53.0152, 64.4279 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 123.5360, -53.0152, 64.4279 by changing the saturation by 10% instead.

■ 123.5360,
-53.0152, 64.4279

■ 123.5360,
-53.0152, 64.4279

■ 255.0000, 0.0000,
0.0000

■ 97.7680, -48.1996,
59.8395

■ 177.9000,
-51.7157, 67.6167

■ 75.0090, -36.9794,
54.3661

■ 196.7130,
-48.1725, 51.1177

■ 51.9510, -25.6118,
48.2780

■ 216.1130,
-44.9187, 34.1039

■ 28.6050, -14.1023,
43.3194

■ 236.2140,
-41.5175, 16.4753

■ 15.2490, -7.5178,
31.3536

■ 246.4500,
-32.7599, 7.4983

■ 4.7840, -2.3585,
9.8364

■ 249.6420,

■ 0.0000, 0.0000,

-20.5295, 4.6990

0.0000

252.9480, -7.8624,
1.7996

123.5360,
-53.0152, 64.4279

123.5360,
-53.0152, 64.4279

117.0160,
-57.6889, 70.1460

131.6860,
-47.1732, 57.2804

139.7220,
-41.7679, 50.2328

147.2850,
-35.6365, 43.6001

155.4350,
-29.7945, 36.4525

163.5850,
-23.9524, 29.3050

■ 171.6210,
-18.5472, 22.2574

■ 179.7710,
-12.7051, 15.1098

■ 187.3340, -6.5737,
8.4771

■ 195.3700, -1.1684,
1.4295

Harmonies

Analogous

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



123.3290, -25.3052, 90.0425



123.5360, -53.0152, 64.4279



121.7580, -60.0267, 26.5222

Triad

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



123.5360, -53.0152, 64.4279



106.8480, 13.3859, -93.7057



132.1010, 47.2782, 2.5424

Complementary

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



123.5360, -53.0152, 64.4279



89.4640, 53.0152, -64.4279

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.



107.8760, 68.0951, -94.6073



123.5360, -53.0152, 64.4279



113.3460, 38.2834, -99.4044

Square

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



123.5360, -53.0152, 64.4279



98.2470, -11.9538, -86.1626



114.4980, 57.9285, -100.4147



130.6820, 26.2858, 62.5459

Rectangle

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



123.5360, -53.0152, 64.4279



116.5650, -57.4665, -1.3725



114.4980, 57.9285, -100.4147



127.3470, 54.0589, -25.7373

Sweetspot

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



123.5360, -53.0152, 64.4279



225.7740, -20.5946, 25.6312



80.4930, 13.0680, 102.1766



110.0700, -12.8525, 15.7246



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



123.5360, -53.0152, 64.4279



151.3810, -74.6308, 90.8739



176.3660, -79.0604, 18.0960



95.6260, -2.7736, 2.9590



96.8710, -47.7574, 57.9951



21.3300, -10.5157, 12.8656

Inverse Universe

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



89.4640, 53.0152, -64.4279



103.6190, 74.6308, -90.8739



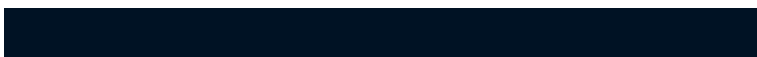
36.6340, 79.0604, -18.0960



93.3740, 2.7736, -2.9590



66.1290, 47.7574, -57.9951



14.6700, 10.5157, -12.8656

Previews

White Background



This preview shows how the YUV color 123.5360, -53.0152, 64.4279 looks on a white 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

Black Background



This preview shows how the YUV color 123.5360, -53.0152, 64.4279 looks on a black 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

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

YUV 123.5360, -53.0152, 64.4279

Background



This preview shows how black text looks on a background with the YUV color 123.5360, -53.0152, 64.4279.



This preview shows how white text looks on a background with the YUV color 123.5360, -53.0152,

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

123.5360, -53.0152, 64.4279

Protanopia

123.4720, -49.5327, 20.6341

Deuteranopia

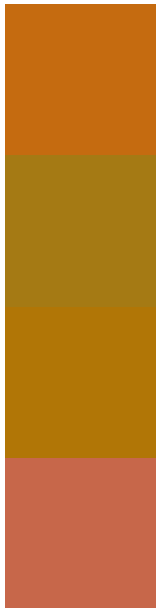
122.1230, -60.2066, 37.6031



Tritanopia

130.6980, -11.6831, 60.7779

Trichromacy



Original Color

123.5360, -53.0152, 64.4279

Protanomaly

123.2290, -50.8919, 36.6332

Deuteranomaly

122.8730, -57.6184, 47.4694

Tritanomaly

128.3980, -26.8182, 61.9180

Monochromacy



Original Color

123.5360, -53.0152, 64.4279

Achromatopsia

124.0000, 0.0000, 0.0000

Achromatomaly

124.1050, -19.2788, 23.5869

CSS Examples

Text

The CSS property to change the color of the text to YUV 123.5360, -53.0152, 64.4279 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(197, 107, 16)` looks like.

```
.text, #text, p{  
    color:rgb(197, 107, 16)  
}
```

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(197, 107, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 107, 16) }
```

Border

The CSS property to change the border of an element to YUV 123.5360, -53.0152, 64.4279 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(197, 107, 16) }
```


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

```
.border{ border-color:rgb(197, 107, 16) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 107, 16)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 107, 16); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 107, 16);  
box-shadow:4px 4px 4px 4px rgb(197, 107,  
16) }
```

Background

The CSS property to change the background color of an element to YUV 123.5360, -53.0152, 64.4279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 107, 16) }
```

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

```
.background{ background-color: rgb(197,  
107, 16) }
```

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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