

Converting Colors

YUV(104.3060, -23.8149,
78.6616)

Have a look what the booklet for
YUV(104.3060, -23.8149, 78.6616)
contains.

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Color

**YUV(104.3060, -23.8149,
78.6616)**

Conversions

Conversions Part 1

Format	Color
Hex	C24438
RGB	194, 68, 56
RGB Percent	76%, 27%, 22%
CMY	0.2392, 0.7333, 0.7804
CMYK	0.00, 0.65, 0.71, 0.24
HSL	5°, 55%, 49%
HSV	5°, 71%, 76%
XYZ	25.0291, 15.8891, 5.4891
YIQ	104.3060, 78.9480, 22.9800

Conversions

Conversions Part 2

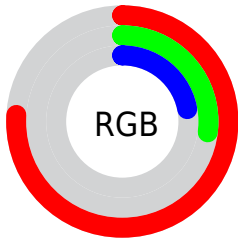
Format	Color
R_{YB}	194, 69, 56
Decimal	12731448
CIE _{Lab}	46.83, 49.67, 34.44
CIE _{LCh}	47, 60.443, 34.738
Yxy	15.8891, 0.5393, 0.3424
Android (android.graphics.Color)	4290921528 (0xFFC24438)
YUV	104.3060, -23.8149, 78.6616
Hunter-Lab	39.8611, 42.3243, 19.7382

Details

The YUV color **104.3060, -23.8149, 78.6616** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **145.6940, 23.8149, -78.6616**, and the grayscale version is **104.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.7150, -27.4675, 83.5649**, and **41.2490, -13.9268, 80.4656** is the 20% darker color. If you saturate the color by 10%, you get **91.5740, -26.9050, 89.8276**, and if you desaturate by 10%, it is **117.0380, -20.7247, 67.4957**.

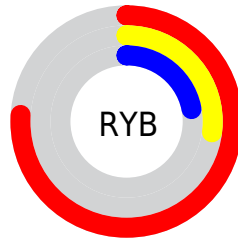
Distribution



Red (76%)

Green (27%)

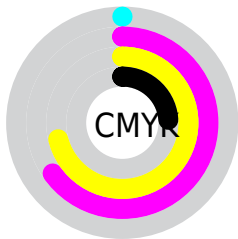
Blue (22%)



Red (76%)

Yellow (27%)

Blue (22%)

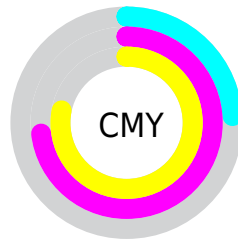


Cyan (0%)

Magenta (65%)

Yellow (71%)

Black (24%)



Cyan (24%)

Magenta (73%)

Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the YUV color 104.3060, -23.8149, 78.6616 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 104.3060, -23.8149, 78.6616 by changing the saturation by 10% instead.


 104.3060,
-23.8149, 78.6616


 104.3060,
-23.8149, 78.6616


255.0000, 0.0000,
0.0000


 76.0930, -20.7518,
76.2174


 159.7150,
-27.4675, 83.5649


 41.2490, -13.9268,
80.4656


 178.4140,
-24.3611, 67.1659


 31.0960, -15.3303,
63.9368

 197.8140,
-21.1073, 50.1521

 22.1260, -10.9081,
45.4935

 217.9150,
-17.7061, 32.5235

 14.2810, -6.0545,
28.6946

 238.1300,
-13.8681, 14.7950

 0.0000, 0.0000,
0.0000

 253.0620, -7.4256,

1.6996

■ 104.3060,
-23.8149, 78.6616

■ 104.3060,
-23.8149, 78.6616

■ 91.5740, -26.9050,
89.8276

■ 117.0380,
-20.7247, 67.4957

■ 79.3150, -30.7213,
100.5787

■ 129.2970,
-16.9084, 56.7445

■ 67.9850, -33.5166,
110.5152

■ 142.0290,
-13.8183, 45.5786

■ 154.8750,
-10.2914, 34.3126

■ 167.6070, -7.2013,
23.1467

■ 179.7520, -3.8217,
12.4955

■ 192.5980, -0.2948,
1.2296

■ 205.3300, 2.7953,
-9.9364

■ 217.5890, 6.6116,
-20.6876

Harmonies

Analogous

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



103.4680, 0.7553, 84.6586



104.3060, -23.8149, 78.6616



104.2790, -49.9305, 55.0063

Triad

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



104.3060, -23.8149, 78.6616



84.3070, -9.5184, -73.9372



91.7870, 59.7580, -80.4972

Complementary

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



104.3060, -23.8149, 78.6616



145.6940, 23.8149, -78.6616

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.



98.2780, 51.6279, -86.1898



104.3060, -23.8149, 78.6616



92.1100, 12.7638, -80.7805

Square

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



104.3060, -23.8149, 78.6616



95.4130, -43.5876, -19.6562



97.2230, 34.8931, -85.2646



113.2880, 40.2840, 5.8864

Rectangle

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



104.3060, -23.8149, 78.6616



104.3810, -51.4598, 32.1149



97.2230, 34.8931, -85.2646



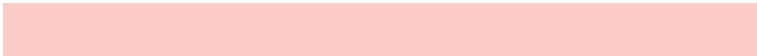
94.7220, 58.3111, -83.0712

Sweetspot

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



104.3060, -23.8149, 78.6616



217.7820, -9.2595, 30.0092



111.7400, 35.1312, 72.1420



106.7420, -5.2958, 18.6433



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.



104.3060, -23.8149, 78.6616



113.1390, -37.0435, 121.7811



144.2220, -43.4934, 43.6553



90.5770, -1.7635, 5.6330



56.3570, -27.7840, 91.7719



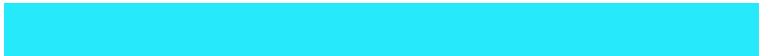
11.6280, -5.7326, 18.7432

Inverse Universe

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



145.6940, 23.8149, -78.6616



177.4480, 36.7541, -122.2959



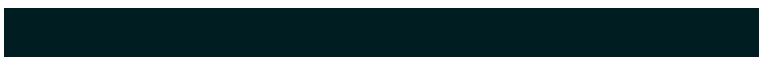
105.7780, 43.4934, -43.6553



93.4230, 1.7635, -5.6330



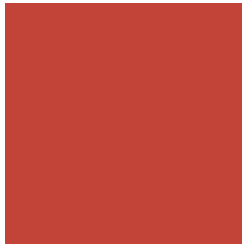
104.6430, 27.7840, -91.7719



21.3720, 5.7326, -18.7432

Previews

White Background



This preview shows how the YUV color 104.3060, -23.8149, 78.6616 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 104.3060, -23.8149, 78.6616 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 104.3060, -23.8149, 78.6616

Background



This preview shows how black text looks on a background with the YUV color 104.3060, -23.8149, 78.6616.



This preview shows how white text looks on a background with the YUV color 104.3060, -23.8149,

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

104.3060, -23.8149, 78.6616

Protanopia

110.3160, -19.3828, 10.2469

Deuteranopia

108.9560, -30.0513, 25.4716



Tritanopia

105.0270, -17.2683, 78.9063

Trichromacy



Original Color

104.3060, -23.8149, 78.6616

Protanomaly

108.1280, -20.7691, 34.9677

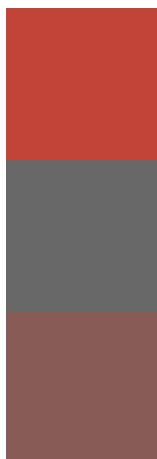
Deuteranomaly

107.0600, -27.6376, 44.6744

Tritanomaly

105.0440, -19.7417, 78.8914

Monochromacy



Original Color

104.3060, -23.8149, 78.6616

Achromatopsia

104.0000, 0.0000, 0.0000

Achromatomaly

104.2980, -8.5279, 28.6797

CSS Examples

Text

The CSS property to change the color of the text to YUV 104.3060, -23.8149, 78.6616 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(194, 68, 56)` looks like.

```
.text, #text, p{  
  color:rgb(194, 68, 56)  
}
```

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(194, 68, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 68, 56) }
```

Border

The CSS property to change the border of an element to YUV 104.3060, -23.8149, 78.6616 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(194, 68, 56) }
```


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

```
.border{ border-color:rgb(194, 68, 56) }
```

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

Here you see how a box with a 4 pixel rgb(194, 68, 56) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 68, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 68, 56);  
box-shadow:4px 4px 4px 4px rgb(194, 68,  
56) }
```

Background

The CSS property to change the background color of an element to YUV 104.3060, -23.8149, 78.6616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 68, 56) }
```

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

```
.background{ background-color: rgb(194, 68,  
56) }
```

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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