

Converting Colors

YUV(107.6050, -23.9623,
79.2764)

Have a look what the booklet for
YUV(107.6050, -23.9623, 79.2764)
contains.

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Color

**YUV(107.6050, -23.9623,
79.2764)**

Conversions

Conversions Part 1

Format	Color
Hex	C6473B
RGB	198, 71, 59
RGB Percent	78%, 28%, 23%
CMY	0.2235, 0.7216, 0.7686
CMYK	0.00, 0.64, 0.70, 0.22
HSL	5°, 55%, 50%
HSV	5°, 70%, 78%
XYZ	26.3314, 16.8280, 5.9980
YIQ	107.6050, 79.5440, 23.1920

Conversions

Conversions Part 2

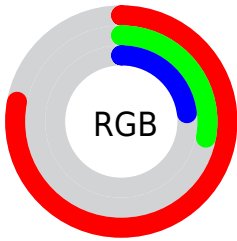
Format	Color
RYB	198, 72, 59
Decimal	12994363
CIELab	48.04, 49.90, 34.32
CIElCh	48, 60.564, 34.517
Yxy	16.8280, 0.5357, 0.3423
Android (android.graphics.Color)	4291184443 (0xFFC6473B)
YUV	107.6050, -23.9623, 79.2764
Hunter-Lab	41.0220, 42.7880, 20.0463

Details

The YUV color **107.6050, -23.9623, 79.2764** 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 **149.3950, 23.9623, -79.2764**, and the grayscale version is **108.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **161.8180, -27.0253, 81.7206**, and **45.7220, -14.6529, 80.0508** is the 20% darker color. If you saturate the color by 10%, you get **94.7590, -27.4892, 90.5424**, and if you desaturate by 10%, it is **120.4510, -20.4353, 68.0105**.

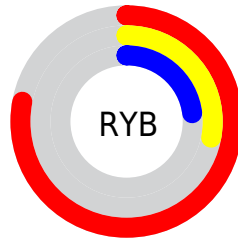
Distribution



Red (78%)

Green (28%)

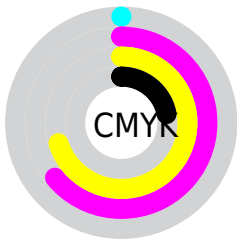
Blue (23%)



Red (78%)

Yellow (28%)

Blue (23%)

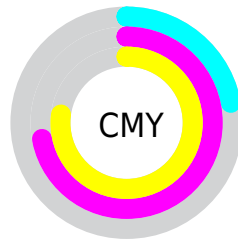


Cyan (0%)

Magenta (64%)

Yellow (70%)

Black (22%)



Cyan (22%)

Magenta (72%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YUV color 107.6050, -23.9623, 79.2764 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 107.6050, -23.9623, 79.2764 by changing the saturation by 10% instead.

■ 107.6050,
-23.9623, 79.2764

■ 107.6050,
-23.9623, 79.2764

■ 255.0000, 0.0000,
0.0000

■ 79.3920, -20.8993,
76.8322

■ 161.8180,
-27.0253, 81.7206

■ 45.7220, -14.6529,
80.0508

■ 180.5170,
-23.9189, 65.3216

■ 32.2920, -15.9200,
66.3959

■ 200.0310,
-20.2283, 48.2078

■ 23.3220, -11.4977,
47.9526

■ 220.1320,
-16.8271, 30.5792

■ 15.4770, -6.6442,
31.1537

■ 240.2330,
-13.4259, 12.9507

■ 0.0000, 0.0000,
0.0000

■ 253.5180, -5.6784,

1.2997

■ 107.6050,
-23.9623, 79.2764

■ 107.6050,
-23.9623, 79.2764

■ 94.7590, -27.4892,
90.5424

■ 120.4510,
-20.4353, 68.0105

■ 81.9130, -31.0161,
101.8083

■ 133.2970,
-16.9084, 56.7445

■ 69.1810, -34.1062,
112.9743

■ 146.0290,
-13.8183, 45.5786

■ 158.8750,
-10.2914, 34.3126

■ 171.7210, -6.7645,
23.0467

■ 185.1540, -3.5269,
11.2659

■ 198.0000, 0.0000,
0.0000

■ 210.7320, 3.0901,
-11.1660

■ 223.5780, 6.6170,
-22.4319

Harmonies

Analogous

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



107.0550, 0.4659, 84.1438



107.6050, -23.9623, 79.2764



107.6920, -49.6412, 55.5211

Triad

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



107.6050, -23.9623, 79.2764



86.2960, -9.5129, -75.6816



94.0040, 60.6370, -82.4415

Complementary

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



107.6050, -23.9623, 79.2764



149.3950, 23.9623, -79.2764

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.



100.3810, 52.0702, -88.0341



107.6050, -23.9623, 79.2764



94.2130, 13.2060, -82.6248

Square

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



107.6050, -23.9623, 79.2764



98.9400, -42.8614, -19.2414



99.3260, 35.3353, -87.1089



116.4020, 40.7208, 5.7864

Rectangle

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



107.6050, -23.9623, 79.2764



107.3380, -52.9176, 33.0296



99.3260, 35.3353, -87.1089



96.8250, 58.7533, -84.9155

Sweetspot

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



107.6050, -23.9623, 79.2764



220.0810, -9.4069, 30.6240



115.0390, 34.9838, 72.7568



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.



107.6050, -23.9623, 79.2764



115.5520, -36.7541, 122.2959



148.1080, -43.9302, 43.7553



92.6910, -1.3267, 5.5330



56.9550, -28.0788, 93.0015



12.5250, -6.1748, 20.5876

Inverse Universe

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



149.3950, 23.9623, -79.2764



180.4480, 36.7541, -122.2959



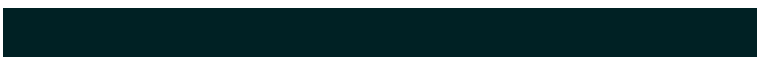
108.8920, 43.9302, -43.7553



96.3090, 1.3267, -5.5330



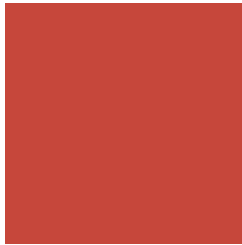
106.0450, 28.0788, -93.0015



23.4750, 6.1748, -20.5876

Previews

White Background



This preview shows how the YUV color 107.6050, -23.9623, 79.2764 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 107.6050, -23.9623, 79.2764 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 107.6050, -23.9623, 79.2764

Background



This preview shows how black text looks on a background with the YUV color 107.6050, -23.9623, 79.2764.



This preview shows how white text looks on a background with the YUV color 107.6050, -23.9623,

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

107.6050, -23.9623, 79.2764

Protanopia

113.3160, -19.3828, 10.2469

Deuteranopia

112.3690, -29.7619, 25.9864



Tritanopia

108.3260, -17.4157, 79.5211

Trichromacy



Original Color

107.6050, -23.9623, 79.2764

Protanomaly

111.4270, -20.9165, 35.5825

Deuteranomaly

110.4730, -27.3482, 45.1892

Tritanomaly

108.3430, -19.8891, 79.5062

Monochromacy



Original Color

107.6050, -23.9623, 79.2764

Achromatopsia

108.0000, 0.0000, 0.0000

Achromatomaly

108.1840, -8.9647, 28.7796

CSS Examples

Text

The CSS property to change the color of the text to YUV 107.6050, -23.9623, 79.2764 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(198, 71, 59)` looks like.

```
.text, #text, p{  
    color:rgb(198, 71, 59)  
}
```

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(198, 71, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 71, 59) }
```

Border

The CSS property to change the border of an element to YUV 107.6050, -23.9623, 79.2764 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(198, 71, 59) }
```


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

```
.border{ border-color:rgb(198, 71, 59) }
```

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

Here you see how a box with a 4 pixel rgb(198, 71, 59) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 71, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 71, 59);  
box-shadow:4px 4px 4px 4px rgb(198, 71,  
59) }
```

Background

The CSS property to change the background color of an element to YUV 107.6050, -23.9623, 79.2764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 71, 59) }
```

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

```
.background{ background-color: rgb(198, 71,  
59) }
```

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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