

Converting Colors

YUV(104.1650, -23.2523,
84.9243)

Have a look what the booklet for
YUV(104.1650, -23.2523, 84.9243)
contains.

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Color

**YUV(104.1650, -23.2523,
84.9243)**

Conversions

Conversions Part 1

Format	Color
Hex	C94039
RGB	201, 64, 57
RGB Percent	79%, 25%, 22%
CMY	0.2118, 0.7490, 0.7765
CMYK	0.00, 0.68, 0.72, 0.21
HSL	3°, 57%, 51%
HSV	3°, 72%, 79%
XYZ	26.6593, 16.3797, 5.6274
YIQ	104.1650, 83.8990, 26.8670

Conversions

Conversions Part 2

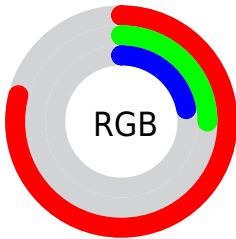
Format	Color
R_{YB}	201, 64, 57
Decimal	13189177
CIE Lab	47.47, 53.72, 34.93
CIE LCh	47, 64.081, 33.032
Yxy	16.3797, 0.5478, 0.3366
Android (android.graphics.Color)	4291379257 (0xFFC94039)
YUV	104.1650, -23.2523, 84.9243
Hunter-Lab	40.4719, 46.7544, 20.0863

Details

The YUV color **104.1650, -23.2523, 84.9243** 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 **153.8350, 23.2523, -84.9243**, and the grayscale version is **104.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **158.0680, -26.1625, 85.0094**, and **43.1570, -14.3744, 84.0543** is the 20% darker color. If you saturate the color by 10%, you get **90.7320, -26.4899, 96.7050**, and if you desaturate by 10%, it is **117.5980, -20.0148, 73.1436**.

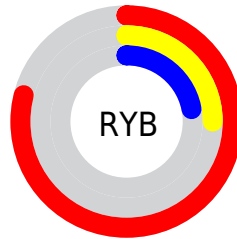
Distribution



Red (79%)

Green (25%)

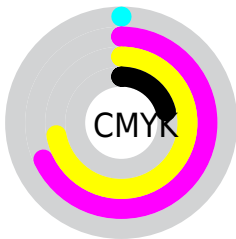
Blue (22%)



Red (79%)

Yellow (25%)

Blue (22%)

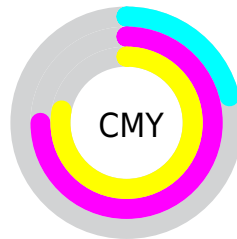


Cyan (0%)

Magenta (68%)

Yellow (72%)

Black (21%)



Cyan (21%)


Magenta (75%)


Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the YUV color 104.1650, -23.2523, 84.9243 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 104.1650, -23.2523, 84.9243 by changing the saturation by 10% instead.


 104.1650,
-23.2523, 84.9243


 104.1650,
-23.2523, 84.9243


255.0000, 0.0000,
0.0000


 74.7780, -19.6106,
83.5097


 158.0680,
-26.1625, 85.0094


 43.1570, -14.3744,
84.0543


 177.3540,
-23.3455, 68.0955


 32.5910, -16.0674,
67.0107

 196.7540,
-20.0917, 51.0817

 23.6210, -11.6452,
48.5674

 216.8550,
-16.6905, 33.4532

 15.7760, -6.7916,
31.7684

 237.0700,
-12.8525, 15.7246

 0.0000, 0.0000,
0.0000

 253.1760, -6.9888,

1.5996

■ 104.1650,
-23.2523, 84.9243

■ 104.1650,
-23.2523, 84.9243

■ 90.7320, -26.4899,
96.7050

■ 117.5980,
-20.0148, 73.1436

■ 77.2990, -29.7274,
108.4858

■ 131.0310,
-16.7773, 61.3628

■ 65.9690, -32.5227,
118.4222

■ 144.4640,
-13.5398, 49.5821

■ 157.8970,
-10.3022, 37.8013

■ 172.0310, -6.9173,
25.4058

■ 185.4640, -3.6798,
13.6251

■ 198.8970, -0.4422,
1.8443

■ 212.3300, 2.7953,
-9.9364

■ 225.7630, 6.0328,
-21.7172

Harmonies

Analogous

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



102.7830, 3.0650, 90.5213



104.1650, -23.2523, 84.9243



105.4430, -51.9834, 60.1245

Triad

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



104.1650, -23.2523, 84.9243



84.9110, -12.2811, -74.4669



94.4600, 62.3842, -82.8414

Complementary

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



104.1650, -23.2523, 84.9243



153.8350, 23.2523, -84.9243

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.



100.7230, 53.3806, -88.3341



104.1650, -23.2523, 84.9243



93.1700, 11.7482, -81.7101

Square

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



104.1650, -23.2523, 84.9243



96.6860, -47.6662, -18.1416



99.2120, 34.8985, -87.0089



114.0040, 44.3680, 2.6275

Rectangle

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



104.1650, -23.2523, 84.9243



106.1750, -52.3443, 35.8035



99.2120, 34.8985, -87.0089



97.3950, 60.9373, -85.4154

Sweetspot

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



104.1650, -23.2523, 84.9243



218.9070, -8.8282, 31.6536



115.9020, 39.4883, 74.6309



106.1550, -5.0064, 19.1581



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.



104.1650, -23.2523, 84.9243



107.3510, -35.1760, 129.4882



145.2550, -43.5097, 48.8884



92.6910, -1.3267, 5.5330



53.4330, -26.3425, 96.0903



11.9380, -5.8854, 21.1024

Inverse Universe

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



153.8350, 23.2523, -84.9243



183.0620, 35.4654, -128.9734



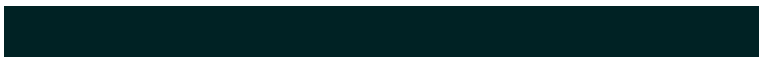
112.7450, 43.5097, -48.8884



96.3090, 1.3267, -5.5330



109.5670, 26.3425, -96.0903



24.0620, 5.8854, -21.1024

Previews

White Background



This preview shows how the YUV color 104.1650, -23.2523, 84.9243 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 104.1650, -23.2523, 84.9243 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 104.1650, -23.2523, 84.9243

Background



This preview shows how black text looks on a background with the YUV color 104.1650, -23.2523, 84.9243.



This preview shows how white text looks on a background with the YUV color 104.1650, -23.2523, 84.9243.

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

104.1650, -23.2523, 84.9243

Protanopia

111.5440, -18.5092, 10.0469

Deuteranopia

111.1410, -30.6355, 26.1863



Tritanopia

104.6040, -19.0318, 84.5393

Trichromacy



Original Color

104.1650, -23.2523, 84.9243

Protanomaly

108.6660, -20.0483, 37.1269

Deuteranomaly

108.6690, -27.9378, 47.6483

Tritanomaly

104.2620, -20.3422, 84.8392

Monochromacy



Original Color

104.1650, -23.2523, 84.9243

Achromatopsia

104.0000, 0.0000, 0.0000

Achromatomaly

103.7220, -8.2439, 30.9388

CSS Examples

Text

The CSS property to change the color of the text to YUV 104.1650, -23.2523, 84.9243 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(201, 64, 57)` looks like.

```
.text, #text, p{  
    color:rgb(201, 64, 57)  
}
```

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(201, 64, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 64, 57) }
```

Border

The CSS property to change the border of an element to YUV 104.1650, -23.2523, 84.9243 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(201, 64, 57) }
```


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

```
.border{ border-color:rgb(201, 64, 57) }
```

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

Here you see how a box with a 4 pixel rgb(201, 64, 57) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 64, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 64, 57);  
box-shadow:4px 4px 4px 4px rgb(201, 64,  
57) }
```

Background

The CSS property to change the background color of an element to YUV 104.1650, -23.2523, 84.9243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 64, 57) }
```

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

```
.background{ background-color: rgb(201, 64,  
57) }
```

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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