

Converting Colors

YUV(89.0360, -24.1747,
100.8234)

Have a look what the booklet for
YUV(89.0360, -24.1747, 100.8234)
contains.

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Color

**YUV(89.0360, -24.1747,
100.8234)**

Conversions

Conversions Part 1

Format	Color
Hex	CC2828
RGB	204, 40, 40
RGB Percent	80%, 16%, 16%
CMY	0.2000, 0.8431, 0.8431
CMYK	0.00, 0.80, 0.80, 0.20
HSL	0°, 67%, 48%
HSV	0°, 80%, 80%
XYZ	26.0436, 14.5082, 3.4352
YIQ	89.0360, 97.7440, 34.7680

Conversions

Conversions Part 2

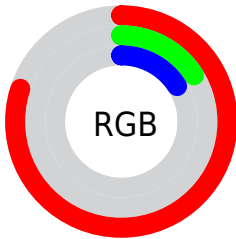
Format	Color
RYB	204, 40, 40
Decimal	13379624
CIELab	44.95, 62.03, 41.89
CIElCh	45, 74.851, 34.036
Yxy	14.5082, 0.5921, 0.3298
Android (android.graphics.Color)	4291569704 (0xFFCC2828)
YUV	89.0360, -24.1747, 100.8234
Hunter-Lab	38.0896, 55.3921, 21.3155

Details

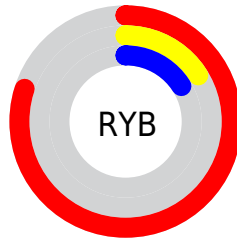
The YUV color **89.0360, -24.1747, 100.8234** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **154.9640, 24.1747, -100.8234**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **145.3360, -29.2526, 96.1753**, and **42.1590, -20.7844, 86.6836** is the 20% darker color. If you saturate the color by 10%, you get **75.0160, -27.1229, 113.1190**, and if you desaturate by 10%, it is **103.0560, -21.2266, 88.5279**.

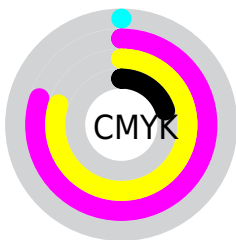
Distribution



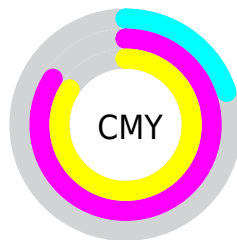
- Red (80%)
- Green (16%)
- Blue (16%)



- Red (80%)
- Yellow (16%)
- Blue (16%)



- Cyan (0%)
- Magenta (80%)
- Yellow (80%)
- Black (20%)





- Cyan (20%)
- Magenta (84%)
- Yellow (84%)

Brightness & Saturation Gradients


These gradients show how the YUV color 89.0360, -24.1747, 100.8234 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 89.0360, -24.1747, 100.8234 by changing the saturation by 10% instead.


 89.0360, -24.1747,
100.8234


 89.0360, -24.1747,
100.8234


255.0000, 0.0000,
0.0000


 53.4800, -17.4916,
103.9420


 145.3360,
-29.2526, 96.1753

 42.1590, -20.7844,
86.6836


 165.2090,
-26.7250, 78.7467


 32.8900, -16.2148,
67.6255

 184.6090,
-23.4712, 61.7329

 23.7350, -11.2084,
48.4674

 204.5960,
-20.5068, 44.2043

 15.1780, -6.4968,
30.5389

 224.8110,
-16.6688, 26.4758

 0.0000, 0.0000,
0.0000

 245.6130,

-13.1202, 8.2324

254.0880, -3.4944,
0.7998

89.0360, -24.1747,
100.8234

89.0360, -24.1747,
100.8234

75.0160, -27.1229,
113.1190

103.0560,
-21.2266, 88.5279

60.9960, -30.0710,
125.4145

117.7770,
-18.1311, 75.6176

131.7970,
-15.1829, 63.3220

146.5180,
-12.0874, 50.4117

160.5380, -9.1392,
38.1162

■ 174.5580, -6.1911,
25.8206

■ 189.2790, -3.0955,
12.9103

■ 203.2990, -0.1474,
0.6148

■ 218.0200, 2.9481,
-12.2955

Harmonies

Analogous

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



74.9020, 12.8663, 120.2349



89.0360, -24.1747, 100.8234



98.6760, -48.6473, 63.4281

Triad

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



89.0360, -24.1747, 100.8234



81.0810, -16.8019, -71.1080



92.3060, 69.3621, -80.9524

Complementary

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



89.0360, -24.1747, 100.8234



154.9640, 24.1747, -100.8234

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.



99.6290, 59.3429, -87.3746



89.0360, -24.1747, 100.8234



90.3660, 11.1586, -79.2510

Square

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



89.0360, -24.1747, 100.8234



87.7600, -43.2657, -29.6075



97.4340, 38.2400, -85.4496



106.8390, 51.3514, 2.7722

Rectangle

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



89.0360, -24.1747, 100.8234



100.5600, -49.5761, 34.5889



97.4340, 38.2400, -85.4496



95.7140, 67.1890, -83.9412

Sweetspot

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



89.0360, -24.1747, 100.8234



212.2390, -8.9918, 37.5014



107.7320, 47.4601, 84.4270



102.0630, -5.4541, 22.7467



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.



89.0360, -24.1747, 100.8234



83.2550, -36.1147, 150.6204



137.1700, -47.9048, 58.6099



94.9900, -1.4741, 6.1478



49.6340, -24.4696, 102.0530



11.3620, -5.6015, 23.3615

Inverse Universe

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



154.9640, 24.1747, -100.8234



181.7450, 36.1147, -150.6204



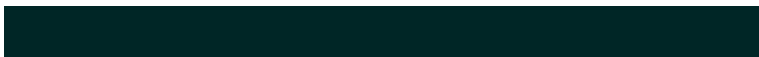
106.8300, 47.9048, -58.6099



99.0100, 1.4741, -6.1478



116.3660, 24.4696, -102.0530



26.6380, 5.6015, -23.3615

Previews

White Background



This preview shows how the YUV color 89.0360, -24.1747, 100.8234 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 89.0360, -24.1747, 100.8234 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 89.0360, -24.1747, 100.8234

Background



This preview shows how black text looks on a background with the YUV color 89.0360, -24.1747, 100.8234.



This preview shows how white text looks on a background with the YUV color 89.0360, -24.1747,

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

89.0360, -24.1747, 100.8234

Protanopia

104.7030, -23.0246, 11.6615

Deuteranopia

103.0890, -38.4979, 27.9859



Tritanopia

89.0360, -24.1747, 100.8234

Trichromacy



Original Color

89.0360, -24.1747, 100.8234

Protanomaly

99.0860, -23.7064, 43.7746

Deuteranomaly

97.6330, -33.3431, 54.6959

Tritanomaly

89.0360, -24.1747, 100.8234

Monochromacy



Original Color

89.0360, -24.1747, 100.8234

Achromatopsia

89.0000, 0.0000, 0.0000

Achromatomaly

88.9400, -8.8444, 36.8866

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.0360, -24.1747, 100.8234 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(204, 40, 40)` looks like.

```
.text, #text, p{  
    color:rgb(204, 40, 40)  
}
```

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(204, 40, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 40, 40) }
```

Border

The CSS property to change the border of an element to YUV 89.0360, -24.1747, 100.8234 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(204, 40, 40) }
```


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

```
.border{ border-color:rgb(204, 40, 40) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 40, 40)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 40, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 40, 40);  
box-shadow:4px 4px 4px 4px rgb(204, 40,  
40) }
```

Background

The CSS property to change the background color of an element to YUV 89.0360, -24.1747, 100.8234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 40, 40) }
```

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

```
.background{ background-color: rgb(204, 40,  
40) }
```

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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