

Converting Colors

YUV(87.0090, -23.1754,
106.9861)

Have a look what the booklet for
YUV(87.0090, -23.1754, 106.9861)
contains.

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Color

**YUV(87.0090, -23.1754,
106.9861)**

Conversions

Conversions Part 1

Format	Color
Hex	D12228
RGB	209, 34, 40
RGB Percent	82%, 13%, 16%
CMY	0.1804, 0.8667, 0.8431
CMYK	0.00, 0.84, 0.81, 0.18
HSL	358°, 72%, 48%
HSV	358°, 84%, 82%
XYZ	27.2495, 14.8526, 3.4381
YIQ	87.0090, 102.3740, 38.9660

Conversions

Conversions Part 2

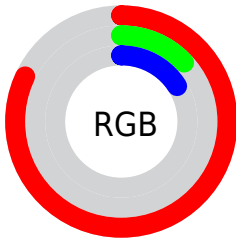
Format	Color
RYB	209, 34, 40
Decimal	13705768
CIELab	45.43, 64.90, 42.70
CIElCh	45, 77.690, 33.343
Yxy	14.8526, 0.5984, 0.3261
Android (android.graphics.Color)	4291895848 (0xFFD12228)
YUV	87.0090, -23.1754, 106.9861
Hunter-Lab	38.5390, 58.7675, 21.6880

Details

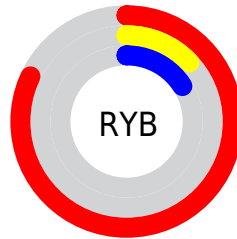
The YUV color **87.0090, -23.1754, 106.9861** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark washed red. A complement of this color would be **155.9910, 23.1754, -106.9861**, and the grayscale version is **87.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **144.1620, -28.6739, 97.2049**, and **43.3550, -21.3740, 89.1427** is the 20% darker color. If you saturate the color by 10%, you get **72.4020, -25.8342, 119.7964**, and if you desaturate by 10%, it is **101.6160, -20.5167, 94.1758**.

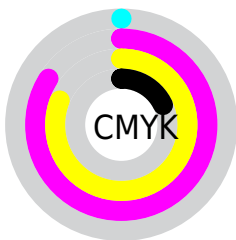
Distribution



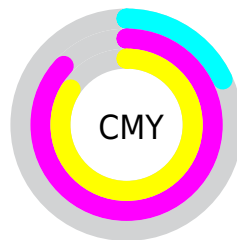
- Red (82%)
- Green (13%)
- Blue (16%)



- Red (82%)
- Yellow (13%)
- Blue (16%)



- Cyan (0%)
- Magenta (84%)
- Yellow (81%)
- Black (18%)



- Cyan (18%)
- Magenta (87%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 87.0090, -23.1754, 106.9861 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 87.0090, -23.1754, 106.9861 by changing the saturation by 10% instead.

■ 87.0090, -23.1754,
106.9861

■ 87.0090, -23.1754,
106.9861

255.0000, 0.0000,
0.0000

■ 54.9750, -18.2287,
107.0159

■ 144.1620,
-28.6739, 97.2049

■ 43.3550, -21.3740,
89.1427

■ 164.0350,
-26.1463, 79.7763

■ 34.0860, -16.8044,
70.0846

■ 183.4350,
-22.8925, 62.7625

■ 24.9310, -11.7980,
50.9265

■ 203.4220,
-19.9280, 45.2339

■ 16.3740, -7.0864,
32.9980

■ 224.2240,
-16.3794, 26.9906

■ 1.4950, -0.7370,
3.0739

■ 244.9120,

■ 0.0000, 0.0000,

-13.2676, 8.8472

0.0000

254.0880, -3.4944,
0.7998

87.0090, -23.1754,
106.9861

87.0090, -23.1754,
106.9861

72.4020, -25.8342,
119.7964

101.6160,
-20.5167, 94.1758

63.2890, -27.7505,
127.7885

116.2230,
-17.8579, 81.3654

130.9440,
-14.7624, 68.4551

145.5510,
-12.1036, 55.6448

160.1580, -9.4449,
42.8344

■ 174.1780, -6.4968,
30.5389

■ 188.7850, -3.8380,
17.7286

■ 203.3920, -1.1793,
4.9182

■ 218.1130, 1.9163,
-7.9921

Harmonies

Analogous

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



76.3260, 13.1503, 122.4941



87.0090, -23.1754, 106.9861



99.5840, -49.0949, 67.0168

Triad

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



87.0090, -23.1754, 106.9861



81.7990, -19.1279, -71.7377



94.1640, 71.4041, -82.5818

Complementary

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



87.0090, -23.1754, 106.9861



155.9910, 23.1754, -106.9861

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.



101.3730, 60.9481, -88.9041



87.0090, -23.1754, 106.9861



91.5400, 10.5798, -80.2806

Square

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



87.0090, -23.1754, 106.9861



88.3470, -43.5551, -30.1223



98.9500, 38.9716, -86.7792



107.6260, 54.4144, 0.3280

Rectangle

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



87.0090, -23.1754, 106.9861



101.7560, -50.1657, 37.0480



98.9500, 38.9716, -86.7792



98.2730, 69.3784, -86.1854

Sweetspot

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



87.0090, -23.1754, 106.9861



210.3640, -8.5605, 39.1458



103.5840, 51.9701, 84.5568



100.8890, -4.8753, 23.7763



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.



87.0090, -23.1754, 106.9861



77.2710, -33.6576, 155.8683



132.6980, -48.6581, 66.9169



97.2890, -1.6215, 6.7625



50.9160, -22.1436, 102.6827



12.3730, -5.6069, 25.1059

Inverse Universe

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



87.0090, -23.1754, 106.9861



77.2710, -33.6576, 155.8683



110.3020, 48.6581, -66.9169



97.2890, -1.6215, 6.7625



50.9160, -22.1436, 102.6827



12.3730, -5.6069, 25.1059

Previews

White Background



This preview shows how the YUV color 87.0090, -23.1754, 106.9861 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 87.0090, -23.1754, 106.9861 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 87.0090, -23.1754, 106.9861

Background



This preview shows how black text looks on a background with the YUV color 87.0090, -23.1754, 106.9861.



This preview shows how white text looks on a background with the YUV color 87.0090, -23.1754,

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

87.0090, -23.1754, 106.9861

Protanopia

106.4040, -22.8772, 11.0467

Deuteranopia

104.1600, -39.5189, 28.8007



Tritanopia

86.7980, -26.5224, 107.1712

Trichromacy



Original Color

87.0090, -23.1754, 106.9861

Protanomaly

99.6240, -22.9856, 45.9338

Deuteranomaly

97.9430, -33.4959, 57.0550

Tritanomaly

87.1400, -25.2120, 106.8712

Monochromacy



Original Color

87.0090, -23.1754, 106.9861

Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

87.0650, -8.4130, 38.5310

CSS Examples

Text

The CSS property to change the color of the text to YUV 87.0090, -23.1754, 106.9861 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(209, 34, 40)` looks like.

```
.text, #text, p{  
    color:rgb(209, 34, 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(209, 34, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 34, 40) }
```

Border

The CSS property to change the border of an element to YUV 87.0090, -23.1754, 106.9861 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(209, 34, 40) }
```


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

```
.border{ border-color:rgb(209, 34, 40) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 34, 40)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 34, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 34, 40);  
box-shadow:4px 4px 4px 4px rgb(209, 34,  
40) }
```

Background

The CSS property to change the background color of an element to YUV 87.0090, -23.1754, 106.9861 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 34, 40) }
```

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

```
.background{ background-color: rgb(209, 34,  
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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