

Converting Colors

YUV(65.1130, -20.7617,
126.1889)

Have a look what the booklet for
YUV(65.1130, -20.7617, 126.1889)
contains.

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Color

**YUV(65.1130, -20.7617,
126.1889)**

Conversions

Conversions Part 1

Format	Color
Hex	D10017
RGB	209, 0, 23
RGB Percent	82%, 0%, 9%
CMY	0.1804, 1.0000, 0.9098
CMYK	0.00, 1.00, 0.89, 0.18
HSL	353°, 100%, 41%
HSV	353°, 100%, 82%
XYZ	26.4491, 13.6172, 2.0450
YIQ	65.1130, 117.1810, 51.4610

Conversions

Conversions Part 2

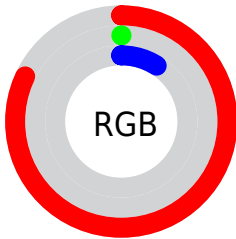
Format	Color
RYB	209, 0, 23
Decimal	13697047
CIELab	43.68, 69.20, 49.73
CIELCh	44, 85.214, 35.705
Yxy	13.6172, 0.6281, 0.3234
Android (android.graphics.Color)	4291887127 (0xFFD10017)
YUV	65.1130, -20.7617, 126.1889
Hunter-Lab	36.9015, 63.3625, 22.5454

Details

The YUV color **65.1130, -20.7617, 126.1889** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **143.8870, 20.7617, -126.1889**, and the grayscale version is **65.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **134.7070, -31.9006, 105.4970**, and **43.0560, -21.2266, 88.5279** is the 20% darker color. If you saturate the color by 10%, you get **65.1130, -20.7617, 126.1889**, and if you desaturate by 10%, it is **79.6060, -18.5398, 113.4785**.

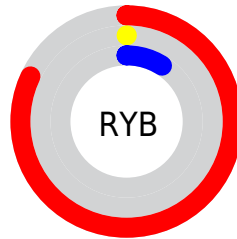
Distribution



Red (82%)

Green (0%)

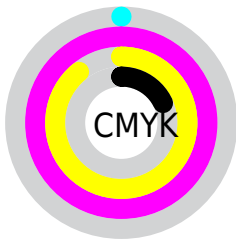
Blue (9%)



Red (82%)

Yellow (0%)

Blue (9%)

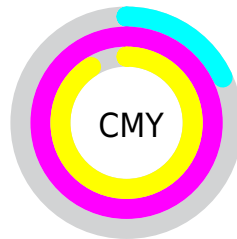


Cyan (0%)

Magenta (100%)

Yellow (89%)

Black (18%)



Cyan (18%)

Magenta (100%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YUV color 65.1130, -20.7617, 126.1889 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 65.1130, -20.7617, 126.1889 by changing the saturation by 10% instead.

■ 65.1130, -20.7617,
126.1889

■ 65.1130, -20.7617,
126.1889

255.0000, 0.0000,
0.0000

■ 52.6240, -25.9436,
108.2008

■ 134.7070,
-31.9006, 105.4970

■ 43.0560, -21.2266,
88.5279

■ 155.0530,
-30.0991, 87.6535

■ 33.4880, -16.5096,
68.8550

■ 175.5130,
-27.8609, 69.7101

■ 24.7460, -11.2138,
50.2118

■ 195.5000,
-24.8965, 52.1815


■ 15.4770, -6.6442,
31.1537


■ 215.6010,
-21.4953, 34.5529


■ 0.0000, 0.0000,
0.0000


■ 236.4030,

-17.9467, 16.3096

 251.9220,
-11.7935, 2.6994


 65.1130, -20.7617,
126.1889

 79.6060, -18.5398,
113.4785

 93.9850, -16.7546,
100.8682

 108.4780,
-14.5327, 88.1578

 122.8570,
-12.7475, 75.5474

 137.3500,
-10.5255, 62.8371

■ 151.2560, -8.0142,
50.6415

■ 165.6350, -6.2291,
38.0311

■ 180.1280, -4.0071,
25.3207

■ 194.5070, -2.2220,
12.7104

Harmonies

Analogous

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



76.6810, 8.0453, 126.5678



65.1130, -20.7617, 126.1889



95.7410, -47.2003, 66.0021

Triad

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



65.1130, -20.7617, 126.1889



79.4680, -20.4437, -69.6934



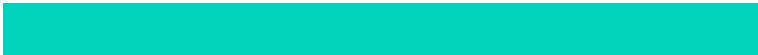
92.7280, 76.0561, -81.3225

Complementary

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



65.1130, -20.7617, 126.1889



143.8870, 20.7617, -126.1889

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.



100.6380, 65.7475, -88.2595



65.1130, -20.7617, 126.1889



90.1210, 12.7583, -79.0361

Square

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



65.1130, -20.7617, 126.1889



77.9040, -38.4067, -48.1508



97.9870, 42.8974, -85.9346



102.2940, 58.0291, 7.6352

Rectangle

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



65.1130, -20.7617, 126.1889



97.3040, -47.9709, 33.0594



97.9870, 42.8974, -85.9346



96.8370, 74.0304, -84.9260

Sweetspot

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



65.1130, -20.7617, 126.1889



202.6360, -7.7085, 45.9232



79.1410, 64.0205, 92.8383



96.3240, -4.5967, 27.7799



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.



65.1130, -20.7617, 126.1889



79.4370, -25.3584, 153.9688



109.4510, -53.9593, 87.3045



97.4030, -1.1847, 6.6626



52.3980, -16.4652, 101.3830



12.7150, -4.2965, 24.8059

Inverse Universe

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



65.1130, -20.7617, 126.1889



79.4370, -25.3584, 153.9688



99.5490, 53.9593, -87.3045



97.4030, -1.1847, 6.6626



52.3980, -16.4652, 101.3830



12.7150, -4.2965, 24.8059

Previews

White Background



This preview shows how the YUV color 65.1130, -20.7617, 126.1889 looks on a white background.

Color Contrast Check

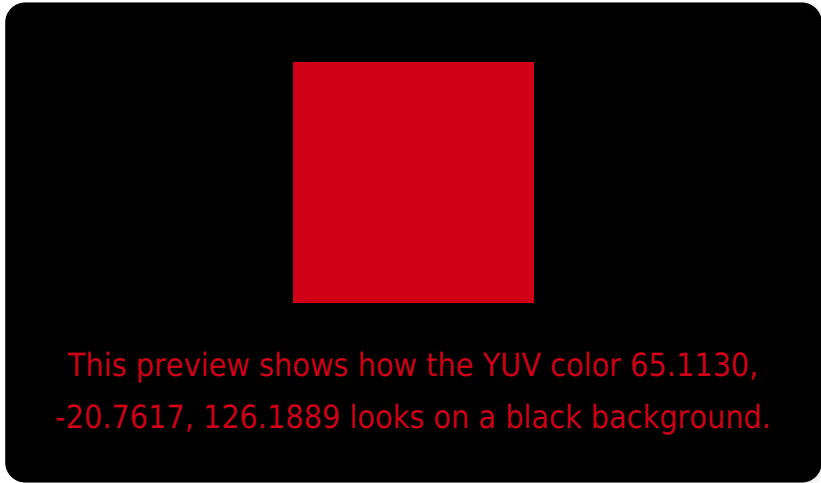
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 65.1130, -20.7617, 126.1889

Background



This preview shows how black text looks on a background with the YUV color 65.1130, -20.7617, 126.1889.



This preview shows how white text looks on a background with the YUV color 65.1130, -20.7617,

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

65.1130, -20.7617, 126.1889

Protanopia

102.2920, -29.7240, 13.7759

Deuteranopia

98.4670, -48.5442, 30.2854



Tritanopia

73.3450, -36.1591, 118.0924

Trichromacy



Original Color

65.1130, -20.7617, 126.1889

Protanomaly

88.4680, -26.3597, 54.8406

Deuteranomaly

86.6190, -38.7592, 65.2321

Tritanomaly

70.1480, -30.6390, 120.8962

Monochromacy



Original Color

65.1130, -20.7617, 126.1889

Achromatopsia

65.0000, 0.0000, 0.0000

Achromatomaly

64.7500, -7.2717, 45.8233

CSS Examples

Text

The CSS property to change the color of the text to YUV 65.1130, -20.7617, 126.1889 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, 0, 23)` looks like.

```
.text, #text, p{  
  color:rgb(209, 0, 23)  
}
```

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, 0, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 0, 23) }
```

Border

The CSS property to change the border of an element to YUV 65.1130, -20.7617, 126.1889 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, 0, 23) }
```


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

```
.border{ border-color:rgb(209, 0, 23) }
```

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

Here you see how a box with a 4 pixel rgb(209, 0, 23) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 0, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 0, 23);  
box-shadow:4px 4px 4px 4px rgb(209, 0, 23)  
}
```

Background

The CSS property to change the background color of an element to YUV 65.1130, -20.7617, 126.1889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 0, 23) }
```

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

```
.background{ background-color: rgb(209, 0,  
23) }
```

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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