

Converting Colors

YUV(75.1240, -24.2181,
114.7783)

Have a look what the booklet for
YUV(75.1240, -24.2181, 114.7783)
contains.

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Color

**YUV(75.1240, -24.2181,
114.7783)**

Conversions

Conversions Part 1

Format	Color
Hex	CE121A
RGB	206, 18, 26
RGB Percent	81%, 7%, 10%
CMY	0.1922, 0.9294, 0.8980
CMYK	0.00, 0.91, 0.87, 0.19
HSL	357°, 84%, 44%
HSV	357°, 91%, 81%
XYZ	25.8564, 13.6290, 2.2452
YIQ	75.1240, 109.4800, 42.3440

Conversions

Conversions Part 2

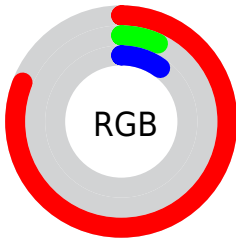
Format	Color
R_{YB}	206, 18, 26
Decimal	13505050
CIE Lab	43.70, 66.67, 48.08
CIE LCh	44, 82.195, 35.800
Yxy	13.6290, 0.6196, 0.3266
Android (android.graphics.Color)	4291695130 (0xFFCE121A)
YUV	75.1240, -24.2181, 114.7783
Hunter-Lab	36.9175, 60.4127, 22.2365

Details

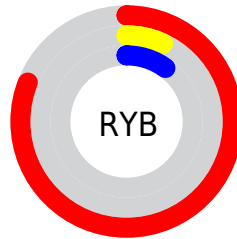
The YUV color **75.1240, -24.2181, 114.7783** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **148.8760, 24.2181, -114.7783**, and the grayscale version is **75.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **137.8700, -32.4739, 102.7230**, and **42.4580, -20.9318, 87.2983** is the 20% darker color. If you saturate the color by 10%, you get **62.6200, -26.4347, 125.7443**, and if you desaturate by 10%, it is **89.7310, -21.5594, 101.9679**.

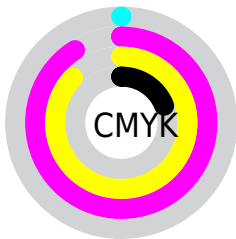
Distribution



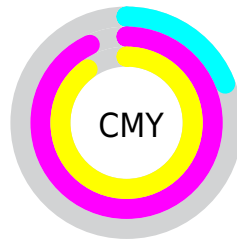
- Red (81%)
- Green (7%)
- Blue (10%)



- Red (81%)
- Yellow (7%)
- Blue (10%)



- Cyan (0%)
- Magenta (91%)
- Yellow (87%)
- Black (19%)





- Cyan (19%)
- Magenta (93%)
- Yellow (90%)

Brightness & Saturation Gradients


These gradients show how the YUV color 75.1240, -24.2181, 114.7783 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 75.1240, -24.2181, 114.7783 by changing the saturation by 10% instead.


 75.1240, -24.2181,
114.7783

 75.1240, -24.2181,
114.7783


255.0000, 0.0000,
0.0000


 52.2540, -24.7752,
106.7712


 137.8700,
-32.4739, 102.7230


 42.4580, -20.9318,
87.2983


 157.7430,
-29.9463, 85.2944


 32.8900, -16.2148,
67.6255

 177.6160,
-27.4187, 67.8658

 24.1480, -10.9190,
48.9822

 197.6030,
-24.4543, 50.3372


 15.1780, -6.4968,
30.5389


 217.7040,
-21.0531, 32.7086


 0.0000, 0.0000,
0.0000


 238.5060,


-17.5045, 14.4652

 252.2640,
-10.4832, 2.3995


 75.1240, -24.2181,
114.7783


 75.1240, -24.2181,
114.7783


 62.6200, -26.4347,
125.7443

 89.7310, -21.5594,
101.9679

 103.6370,
-19.0480, 89.7724

 118.2440,
-16.3893, 76.9620

 132.2640,
-13.4412, 64.6665

 146.8710,
-10.7824, 51.8561

■ 161.3640, -8.5605,
39.1458

■ 175.3840, -5.6123,
26.8502

■ 189.9910, -2.9536,
14.0399

■ 204.0110, -0.0054,
1.7444

Harmonies

Analogous

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



75.4850, 8.6349, 124.1087



75.1240, -24.2181, 114.7783



95.7300, -47.1949, 64.2578

Triad

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



75.1240, -24.2181, 114.7783



79.2230, -18.8439, -69.4786



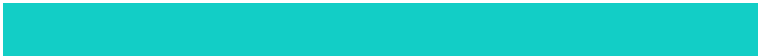
91.5710, 74.1615, -80.3078

Complementary

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



75.1240, -24.2181, 114.7783



148.8760, 24.2181, -114.7783

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.



99.4810, 63.8529, -87.2448



75.1240, -24.2181, 114.7783



89.4200, 12.6109, -78.4213

Square

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



75.1240, -24.2181, 114.7783



79.4100, -39.1491, -43.3326



97.0580, 41.8764, -85.1199



103.3110, 55.5557, 7.6203

Rectangle

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



75.1240, -24.2181, 114.7783



97.8910, -48.2603, 32.5446



97.0580, 41.8764, -85.1199



95.6800, 72.1358, -83.9114

Sweetspot

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



75.1240, -24.2181, 114.7783



206.9730, -8.8607, 42.1197



92.9530, 55.7322, 91.2492



99.3730, -5.6069, 25.1059



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.



75.1240, -24.2181, 114.7783



77.4990, -32.7840, 155.6684



124.1070, -52.3108, 71.8202



94.9900, -1.4741, 6.1478



50.4320, -21.4120, 101.3531



11.5900, -4.7279, 23.1616

Inverse Universe

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



75.1240, -24.2181, 114.7783



77.4990, -32.7840, 155.6684



99.8930, 52.3108, -71.8202



94.9900, -1.4741, 6.1478



50.4320, -21.4120, 101.3531



11.5900, -4.7279, 23.1616

Previews

White Background



This preview shows how the YUV color 75.1240, -24.2181, 114.7783 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 75.1240, -24.2181, 114.7783

Background



This preview shows how black text looks on a background with the YUV color 75.1240, -24.2181, 114.7783.



This preview shows how white text looks on a background with the YUV color 75.1240, -24.2181,

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

75.1240, -24.2181, 114.7783

Protanopia

101.6340, -28.4136, 13.4760

Deuteranopia

97.5810, -48.1074, 30.1855



Tritanopia

74.5880, -31.3489, 115.2483

Trichromacy



Original Color

75.1240, -24.2181, 114.7783

Protanomaly

91.6200, -26.9277, 50.3223

Deuteranomaly

89.6570, -39.7639, 60.8138

Tritanomaly

74.5710, -28.8755, 115.2632

Monochromacy



Original Color

75.1240, -24.2181, 114.7783

Achromatopsia

75.0000, 0.0000, 0.0000

Achromatomaly

74.9730, -8.8607, 42.1197

CSS Examples

Text

The CSS property to change the color of the text to YUV 75.1240, -24.2181, 114.7783 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(206, 18, 26)` looks like.

```
.text, #text, p{  
    color:rgb(206, 18, 26)  
}
```

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(206, 18, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 18, 26) }
```

Border

The CSS property to change the border of an element to YUV 75.1240, -24.2181, 114.7783 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(206, 18, 26) }
```


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

```
.border{ border-color:rgb(206, 18, 26) }
```

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

Here you see how a box with a 4 pixel rgb(206, 18, 26) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 18, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 18, 26);  
box-shadow:4px 4px 4px 4px rgb(206, 18,  
26) }
```

Background

The CSS property to change the background color of an element to YUV 75.1240, -24.2181, 114.7783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 18, 26) }
```

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

```
.background{ background-color: rgb(206, 18,  
26) }
```

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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