

Converting Colors

YUV(78.5350, -17.5188,
112.6638)

Have a look what the booklet for
YUV(78.5350, -17.5188, 112.6638)
contains.

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Color

**YUV(78.5350, -17.5188,
112.6638)**

Conversions

Conversions Part 1

Format	Color
Hex	CF142B
RGB	207, 20, 43
RGB Percent	81%, 8%, 17%
CMY	0.1882, 0.9216, 0.8314
CMYK	0.00, 0.90, 0.79, 0.19
HSL	353°, 82%, 45%
HSV	353°, 90%, 81%
XYZ	26.4183, 13.9401, 3.5838
YIQ	78.5350, 104.0690, 46.7970

Conversions

Conversions Part 2

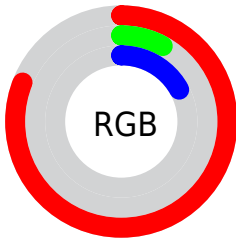
Format	Color
R_{YB}	207, 20, 43
Decimal	13571115
CIE Lab	44.15, 67.05, 39.61
CIE LCh	44, 77.876, 30.570
Yxy	13.9401, 0.6012, 0.3172
Android (android.graphics.Color)	4291761195 (0xFFCF142B)
YUV	78.5350, -17.5188, 112.6638
Hunter-Lab	37.3365, 60.9631, 20.4445

Details

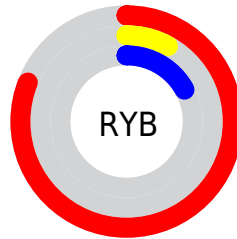
The YUV color **78.5350, -17.5188, 112.6638** is a dark color, and the websafe version is hex **CC0033**, and the color name is **stop red**. The color can be described as dark washed red. A complement of this color would be **148.4650, 17.5188, -112.6638**, and the grayscale version is **79.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **140.3950, -25.3377, 100.5086**, and **42.7570, -21.0792, 87.9131** is the 20% darker color. If you saturate the color by 10%, you get **64.7430, -19.5933, 124.7594**, and if you desaturate by 10%, it is **92.9140, -15.7336, 100.0534**.

Distribution



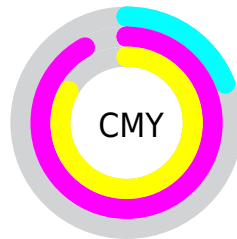
- Red (81%)
- Green (8%)
- Blue (17%)



- Red (81%)
- Yellow (8%)
- Blue (17%)



- Cyan (0%)
- Magenta (90%)
- Yellow (79%)
- Black (19%)





- Cyan (19%)
- Magenta (92%)
- Yellow (83%)

Brightness & Saturation Gradients


These gradients show how the YUV color 78.5350, -17.5188, 112.6638 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 78.5350, -17.5188, 112.6638 by changing the saturation by 10% instead.


 78.5350, -17.5188,
112.6638


 78.5350, -17.5188,
112.6638


255.0000, 0.0000,
0.0000


 54.8330, -16.1867,
105.3865


 140.3950,
-25.3377, 100.5086


 42.7570, -21.0792,
87.9131


 160.2680,
-22.8101, 83.0800

 33.4880, -16.5096,
68.8550

 180.1410,
-20.2825, 65.6513

 24.4470, -11.0664,
49.5970

 200.2420,
-16.8813, 48.0228

 15.4770, -6.6442,
31.1537

 220.9300,
-13.7695, 29.8794

 0.0000, 0.0000,
0.0000

 241.7320,

-10.2209, 11.6360

254.4300, -2.1840,
0.4999

■ 78.5350, -17.5188,
112.6638

■ 78.5350, -17.5188,
112.6638

■ 64.7430, -19.5933,
124.7594

■ 92.9140, -15.7336,
100.0534

■ 106.7060,
-13.6591, 87.9578

■ 121.0850,
-11.8739, 75.3475

■ 135.5780, -9.6520,
62.6371

■ 149.9570, -7.8668,
50.0267

■ 163.7490, -5.7923,
37.9311

■ 178.1280, -4.0071,
25.3207

■ 192.5070, -2.2220,
12.7104

■ 206.2990, -0.1474,
0.6148

Harmonies

Analogous

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



75.4720, 15.0503, 119.7351



78.5350, -17.5188, 112.6638



96.0620, -47.3586, 70.1056

Triad

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



78.5350, -17.5188, 112.6638



78.3110, -22.3383, -68.6787



93.2350, 70.3831, -81.7671

Complementary

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



78.5350, -17.5188, 112.6638



148.4650, 17.5188, -112.6638

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.



99.4010, 58.4693, -87.1747



78.5350, -17.5188, 112.6638



88.1660, 7.8062, -77.3216

Square

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



78.5350, -17.5188, 112.6638



87.4940, -43.1345, -24.9892



96.1630, 35.9086, -84.3350



102.5430, 56.9203, -10.1232

Rectangle

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



78.5350, -17.5188, 112.6638



99.1200, -48.8662, 40.2368



96.1630, 35.9086, -84.3350



96.5290, 67.7732, -84.6559

Sweetspot

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



78.5350, -17.5188, 112.6638



207.6570, -6.2399, 41.5198



89.7560, 57.8013, 80.8980



99.8290, -3.8597, 24.7060



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.



78.5350, -17.5188, 112.6638



79.7790, -24.0480, 153.6688



116.4160, -47.5331, 79.4422



97.4030, -1.1847, 6.6626



52.6260, -15.5916, 101.1830



12.8290, -3.8597, 24.7060

Inverse Universe

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



78.5350, -17.5188, 112.6638



79.7790, -24.0480, 153.6688



110.5840, 47.5331, -79.4422



97.4030, -1.1847, 6.6626



52.6260, -15.5916, 101.1830



12.8290, -3.8597, 24.7060

Previews

White Background



This preview shows how the YUV color 78.5350, -17.5188, 112.6638 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 78.5350, -17.5188, 112.6638 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 78.5350, -17.5188, 112.6638

Background



This preview shows how black text looks on a background with the YUV color 78.5350, -17.5188, 112.6638.



This preview shows how white text looks on a background with the YUV color 78.5350, -17.5188,

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

78.5350, -17.5188, 112.6638

Protanopia

104.0170, -19.2354, 9.6321

Deuteranopia

101.7730, -35.8771, 27.3861



Tritanopia

78.8480, -29.0121, 112.3893

Trichromacy



Original Color

78.5350, -17.5188, 112.6638

Protanomaly

94.7750, -18.6231, 46.6783

Deuteranomaly

93.3930, -29.2807, 58.4143

Tritanomaly

78.5860, -24.9389, 112.6191

Monochromacy



Original Color

78.5350, -17.5188, 112.6638

Achromatopsia

79.0000, 0.0000, 0.0000

Achromatomaly

79.2440, -6.5293, 41.0050

CSS Examples

Text

The CSS property to change the color of the text to YUV 78.5350, -17.5188, 112.6638 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(207, 20, 43)` looks like.

```
.text, #text, p{  
    color:rgb(207, 20, 43)  
}
```

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(207, 20, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 20, 43) }
```

Border

The CSS property to change the border of an element to YUV 78.5350, -17.5188, 112.6638 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(207, 20, 43) }
```


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

```
.border{ border-color:rgb(207, 20, 43) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 20, 43)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 20, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 20, 43);  
box-shadow:4px 4px 4px 4px rgb(207, 20,  
43) }
```

Background

The CSS property to change the background color of an element to YUV 78.5350, -17.5188, 112.6638 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 20, 43) }
```

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

```
.background{ background-color: rgb(207, 20,  
43) }
```

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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