

Converting Colors

YUV(95.9530, -18.2178,
103.5272)

Have a look what the booklet for
YUV(95.9530, -18.2178, 103.5272)
contains.

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Color

**YUV(95.9530, -18.2178,
103.5272)**

Conversions

Conversions Part 1

Format	Color
Hex	D62B3B
RGB	214, 43, 59
RGB Percent	84%, 17%, 23%
CMY	0.1608, 0.8314, 0.7686
CMYK	0.00, 0.80, 0.72, 0.16
HSL	354°, 68%, 50%
HSV	354°, 80%, 84%
XYZ	29.3849, 16.3397, 5.7428
YIQ	95.9530, 96.7800, 41.2280

Conversions

Conversions Part 2

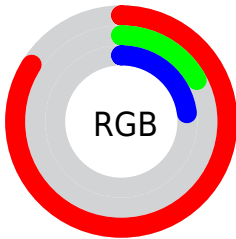
Format	Color
R_{YB}	214, 43, 59
Decimal	14035771
CIE Lab	47.42, 64.74, 34.34
CIE LCh	47, 73.282, 27.940
Yxy	16.3397, 0.5709, 0.3175
Android (android.graphics.Color)	4292225851 (0xFFD62B3B)
YUV	95.9530, -18.2178, 103.5272
Hunter-Lab	40.4223, 59.0207, 19.8723

Details

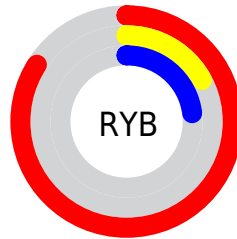
The YUV color **95.9530, -18.2178, 103.5272** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **161.0470, 18.2178, -103.5272**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **149.9640, -21.6743, 92.1166**, and **47.0870, -14.8329, 91.1317** is the 20% darker color. If you saturate the color by 10%, you get **81.4600, -20.4398, 116.2376**, and if you desaturate by 10%, it is **110.4460, -15.9959, 90.8169**.

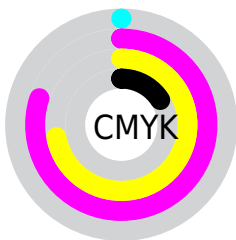
Distribution



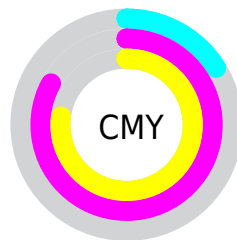
- Red (84%)
- Green (17%)
- Blue (23%)



- Red (84%)
- Yellow (17%)
- Blue (23%)



- Cyan (0%)
- Magenta (80%)
- Yellow (72%)
- Black (16%)





- Cyan (16%)
- Magenta (83%)
- Yellow (77%)

Brightness & Saturation Gradients


These gradients show how the YUV color 95.9530, -18.2178, 103.5272 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 95.9530, -18.2178, 103.5272 by changing the saturation by 10% instead.


 95.9530, -18.2178,
103.5272

 95.9530, -18.2178,
103.5272


255.0000, 0.0000,
0.0000

 58.6360, -10.6665,
108.1902


 149.9640,
-21.6743, 92.1166


 47.0870, -14.8329,
91.1317


 169.9510,
-18.7098, 74.5880


 35.8800, -17.6888,
73.7732


 189.9380,
-15.7454, 57.0594

 26.7250, -12.6824,
54.6152

 210.0390,
-12.3442, 39.4308

 18.2820, -7.5340,
36.5867

 230.1400, -8.9430,
21.8022

 6.8770, -3.3904,
14.1399

 251.0560, -4.9576,

 0.0000, 0.0000,

3.4589

0.0000

■ 95.9530, -18.2178,
103.5272

■ 95.9530, -18.2178,
103.5272

■ 81.4600, -20.4398,
116.2376

■ 110.4460,
-15.9959, 90.8169

■ 66.2660, -22.8091,
129.5627

■ 125.6400,
-13.6265, 77.4917

■ 140.1330,
-11.4046, 64.7814

■ 155.3270, -9.0352,
51.4562

■ 169.8200, -6.8133,
38.7459

■ 184.3130, -4.5913,
26.0355

■ 199.5070, -2.2220,
12.7104

■ 214.0000, 0.0000,
0.0000

■ 229.1940, 2.3694,
-13.3251

Harmonies

Analogous

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



90.2920, 14.6460, 109.3689



95.9530, -18.2178, 103.5272



103.1610, -50.8584, 72.6498

Triad

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



95.9530, -18.2178, 103.5272



83.2180, -21.3065, -72.9822



98.6320, 68.2154, -86.5003

Complementary

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



95.9530, -18.2178, 103.5272



161.0470, 18.2178, -103.5272

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.



103.3960, 56.0068, -90.6783



95.9530, -18.2178, 103.5272



93.0900, 6.3646, -81.6399

Square

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



95.9530, -18.2178, 103.5272



97.2950, -47.9664, -15.1677



100.8590, 33.5935, -88.4533



110.7550, 55.3368, -15.5711

Rectangle

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



95.9530, -18.2178, 103.5272



106.2300, -52.3714, 44.5253



100.8590, 33.5935, -88.4533



101.3390, 65.8949, -88.8743

Sweetspot

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



95.9530, -18.2178, 103.5272



212.9230, -6.3710, 36.9015



108.5400, 51.9918, 77.5794



102.4050, -4.1437, 22.4468



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.



95.9530, -18.2178, 103.5272



85.8770, -26.0684, 148.3209



134.0450, -44.8852, 70.1205



99.4030, -1.1847, 6.6626



52.9530, -18.2178, 103.5272



13.3130, -4.5913, 26.0355

Inverse Universe

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



95.9530, -18.2178, 103.5272



85.8770, -26.0684, 148.3209



122.9550, 44.8852, -70.1205



99.4030, -1.1847, 6.6626



52.9530, -18.2178, 103.5272



13.3130, -4.5913, 26.0355

Previews

White Background



This preview shows how the YUV color 95.9530, -18.2178, 103.5272 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 95.9530, -18.2178, 103.5272 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 95.9530, -18.2178, 103.5272

Background



This preview shows how black text looks on a background with the YUV color 95.9530, -18.2178, 103.5272.



This preview shows how white text looks on a background with the YUV color 95.9530, -18.2178,

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

95.9530, -18.2178, 103.5272

Protanopia

112.2710, -14.4306, 8.5323

Deuteranopia

111.1410, -30.6355, 26.1863



Tritanopia

95.6450, -24.4750, 103.7973

Trichromacy



Original Color

95.9530, -18.2178, 103.5272

Protanomaly

106.4370, -15.9914, 42.5898

Deuteranomaly

105.5820, -25.9229, 54.7406

Tritanomaly

95.6280, -22.0016, 103.8122

Monochromacy



Original Color

95.9530, -18.2178, 103.5272

Achromatopsia

96.0000, 0.0000, 0.0000

Achromatomaly

96.2220, -6.5184, 37.5163

CSS Examples

Text

The CSS property to change the color of the text to YUV 95.9530, -18.2178, 103.5272 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(214, 43, 59)` looks like.

```
.text, #text, p{  
    color:rgb(214, 43, 59)  
}
```

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(214, 43, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 43, 59) }
```

Border

The CSS property to change the border of an element to YUV 95.9530, -18.2178, 103.5272 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(214, 43, 59) }
```


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

```
.border{ border-color:rgb(214, 43, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 43, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 43, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 43, 59);  
box-shadow:4px 4px 4px 4px rgb(214, 43,  
59) }
```

Background

The CSS property to change the background color of an element to YUV 95.9530, -18.2178, 103.5272 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 43, 59) }
```

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

```
.background{ background-color: rgb(214, 43,  
59) }
```

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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