

Converting Colors

YUV(97.6140, -23.9667,
127.5035)

Have a look what the booklet for
YUV(97.6140, -23.9667, 127.5035)
contains.

YUV(97.6140, -23.9667, 127.5035)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(97.6140, -23.9667,
127.5035)**

Conversions

Conversions Part 1	
Format	Color
Hex	F32131
RGB	243, 33, 49
RGB Percent	95%, 13%, 19%
CMY	0.0471, 0.8706, 0.8078
CMYK	0.00, 0.86, 0.80, 0.05
HSL	355°, 90%, 54%
HSV	355°, 86%, 95%
XYZ	38.0604, 20.3642, 4.8304
YIQ	97.6140, 120.0240, 49.4960

Conversions

Conversions Part 2

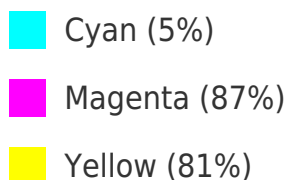
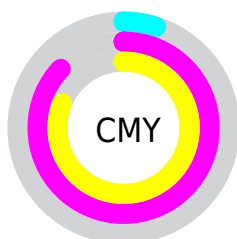
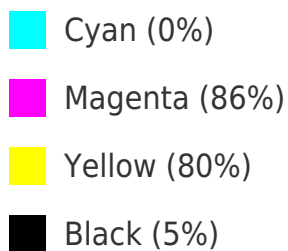
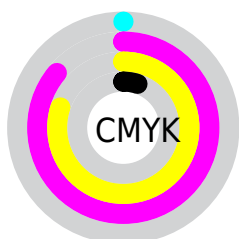
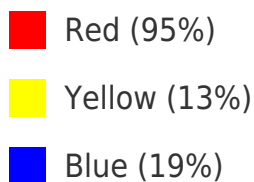
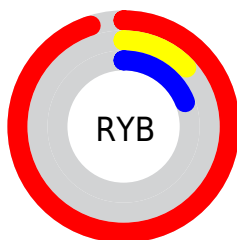
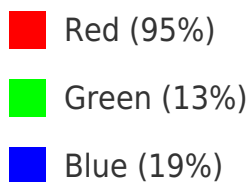
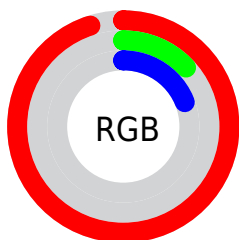
Format	Color
RYB	243, 33, 49
Decimal	15933745
CIELab	52.25, 74.37, 46.87
CIELCh	52, 87.906, 32.217
Yxy	20.3642, 0.6017, 0.3219
Android (android.graphics.Color)	4294123825 (0xFFFF32131)
YUV	97.6140, -23.9667, 127.5035
Hunter-Lab	45.1267, 71.5775, 25.2422

Details

The YUV color **97.6140, -23.9667, 127.5035** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **178.3860, 23.9667, -127.5035**, and the grayscale version is **98.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **148.2370, -25.7528, 93.6312**, and **53.3790, -24.3438, 108.4156** is the 20% darker color. If you saturate the color by 10%, you get **81.0180, -26.6309, 142.0582**, and if you desaturate by 10%, it is **114.2100, -21.3025, 112.9488**.


Distribution




Brightness & Saturation Gradients


These gradients show how the YUV color 97.6140, -23.9667, 127.5035 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 97.6140, -23.9667, 127.5035 by changing the saturation by 10% instead.


 97.6140, -23.9667,
127.5035

 97.6140, -23.9667,
127.5035


255.0000, 0.0000,
0.0000


 65.8680, -19.1619,
126.4038


 148.2370,
-25.7528, 93.6312

 53.3790, -24.3438,
108.4156


 169.3980,
-23.3672, 75.0730


 43.3550, -21.3740,
89.1427


 189.3850,
-20.4028, 57.5444

 33.9010, -16.2202,
69.3698

 209.9590,
-17.7278, 39.5010

 24.8600, -10.7770,
50.1118

 230.7610,
-14.1792, 21.2576

 15.4770, -6.6442,
31.1537

 252.1500,

 0.0000, 0.0000,

-10.9200, 2.4994

0.0000

■ 97.6140, -23.9667,
127.5035

■ 97.6140, -23.9667,
127.5035

■ 81.0180, -26.6309,
142.0582

■ 114.2100,
-21.3025, 112.9488

■ 74.8230, -27.5207,
147.4912


■ 131.5070,
-18.4910, 97.7794


■ 148.1030,
-15.8268, 83.2247


■ 164.8130,
-12.7258, 68.5700

■ 181.4090,
-10.0616, 54.0153

■ 198.7060, -7.2501,
38.8458

 215.3020, -4.5859,
24.2911

 232.0120, -1.4849,
9.6365

 249.1950, 0.8899,
-5.4330

Harmonies

Analogous

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



88.7720, 16.8744, 141.3970



97.6140, -23.9667, 127.5035



114.7120, -56.5530, 79.1826

Triad

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



97.6140, -23.9667, 127.5035



93.8810, -23.6053, -82.3336



107.7280, 72.6051, -94.4775

Complementary

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



97.6140, -23.9667, 127.5035



178.3860, 23.9667, -127.5035

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.



117.1200, 67.9748, -102.7142



97.6140, -23.9667, 127.5035



105.5770, 11.0545, -92.5910

Square

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



97.6140, -23.9667, 127.5035



103.0880, -50.8224, -32.5262



114.2410, 44.2512, -100.1894



123.8240, 64.1768, -4.2306

Rectangle

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



97.6140, -23.9667, 127.5035



117.7370, -58.0443, 44.0807



114.2410, 44.2512, -100.1894



111.8370, 70.5794, -98.0810

Sweetspot

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



97.6140, -23.9667, 127.5035



209.3040, -7.5449, 40.0754



114.3480, 63.4254, 97.0418



100.3020, -4.5859, 24.2911



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.



97.6140, -23.9667, 127.5035



78.4110, -29.2896, 154.8686



146.8590, -56.1325, 84.3157



113.7020, -1.3321, 7.2773



57.2100, -21.3025, 112.9488



18.0970, -6.9498, 35.8719

Inverse Universe

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



97.6140, -23.9667, 127.5035



78.4110, -29.2896, 154.8686



128.5540, 56.4219, -83.8009



113.7020, -1.3321, 7.2773



57.2100, -21.3025, 112.9488



18.0970, -6.9498, 35.8719

Previews

White Background



This preview shows how the YUV color 97.6140, -23.9667, 127.5035 looks on a white 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

Black Background



This preview shows how the YUV color 97.6140, -23.9667, 127.5035 looks on a black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 97.6140, -23.9667, 127.5035

Background



This preview shows how black text looks on a background with the YUV color 97.6140, -23.9667, 127.5035.



This preview shows how white text looks on a background with the YUV color 97.6140, -23.9667,

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

97.6140, -23.9667, 127.5035

Protanopia

122.7740, -24.0456, 12.4762

Deuteranopia

120.4440, -43.6029, 32.0596



Tritanopia

97.5510, -31.8236, 127.5588

Trichromacy



Original Color
97.6140, -23.9667, 127.5035

Protanomaly
114.0380, -24.1757, 54.3407

Deuteranomaly
112.2000, -36.5806, 66.4766

Tritanomaly
97.6480, -28.9135, 127.4737

Monochromacy



Original Color
97.6140, -23.9667, 127.5035

Achromatopsia
98.0000, 0.0000, 0.0000

Achromatomaly
97.7070, -8.7296, 46.7380

CSS Examples

Text

The CSS property to change the color of the text to YUV 97.6140, -23.9667, 127.5035 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(243, 33, 49)` looks like.

```
.text, #text, p{  
    color:rgb(243, 33, 49)  
}
```

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(243, 33, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 33, 49) }
```

Border

The CSS property to change the border of an element to YUV 97.6140, -23.9667, 127.5035 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(243, 33, 49) }
```


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

```
.border{ border-color:rgb(243, 33, 49) }
```

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

Here you see how a box with a 4 pixel rgb(243, 33, 49) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 33, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 33, 49);  
box-shadow:4px 4px 4px 4px rgb(243, 33,  
49) }
```

Background

The CSS property to change the background color of an element to YUV 97.6140, -23.9667, 127.5035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 33, 49) }
```

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

```
.background{ background-color: rgb(243, 33,  
49) }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor