

Converting Colors

YUV(98.0160, -27.1229,
113.1190)

Have a look what the booklet for
YUV(98.0160, -27.1229, 113.1190)
contains.

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Color

**YUV(98.0160, -27.1229,
113.1190)**

Conversions

Conversions Part 1

Format	Color
Hex	E32B2B
RGB	227, 43, 43
RGB Percent	89%, 17%, 17%
CMY	0.1098, 0.8314, 0.8314
CMYK	0.00, 0.81, 0.81, 0.11
HSL	0°, 77%, 53%
HSV	0°, 81%, 89%
XYZ	32.9785, 18.2331, 4.0667
YIQ	98.0160, 109.6640, 39.0080

Conversions

Conversions Part 2

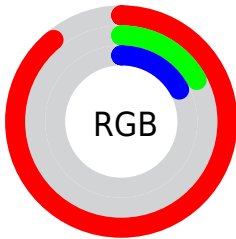
Format	Color
RYB	227, 43, 43
Decimal	14887723
CIELab	49.78, 67.82, 46.56
CIElCh	50, 82.263, 34.468
Yxy	18.2331, 0.5966, 0.3298
Android (android.graphics.Color)	4293077803 (0xFFE32B2B)
YUV	98.0160, -27.1229, 113.1190
Hunter-Lab	42.7002, 63.1349, 24.2435

Details

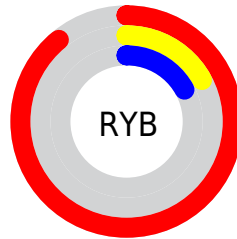
The YUV color **98.0160, -27.1229, 113.1190** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **171.9840, 27.1229, -113.1190**, and the grayscale version is **98.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **149.3140, -29.2418, 92.6866**, and **48.4380, -23.8799, 99.5939** is the 20% darker color. If you saturate the color by 10%, you get **81.8930, -30.5132, 127.2588**, and if you desaturate by 10%, it is **114.1390, -23.7325, 98.9791**.

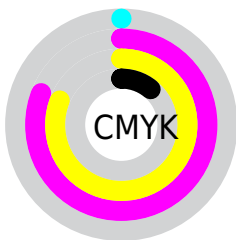
Distribution



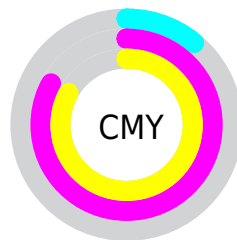
- Red (89%)
- Green (17%)
- Blue (17%)



- Red (89%)
- Yellow (17%)
- Blue (17%)



- Cyan (0%)
- Magenta (81%)
- Yellow (81%)
- Black (11%)





- Cyan (11%)
- Magenta (83%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the YUV color 98.0160, -27.1229, 113.1190 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 98.0160, -27.1229, 113.1190 by changing the saturation by 10% instead.


 98.0160, -27.1229,
113.1190

 98.0160, -27.1229,
113.1190


255.0000, 0.0000,
0.0000

 60.4000, -19.4242,
117.1672


 149.3140,
-29.2418, 92.6866


 48.4380, -23.8799,
99.5939


 169.1870,
-26.7142, 75.2580


 38.8700, -19.1629,
79.9210


 189.1740,
-23.7498, 57.7294

 29.7150, -14.1565,
60.7629

 209.8620,
-20.6380, 39.5860

 21.2720, -9.0081,
42.7345

 229.9630,
-17.2368, 21.9574

 11.1770, -5.0173,
22.6468

 250.7650,

 0.0000, 0.0000,

-13.6881, 3.7141

0.0000

254.6580, -1.3104,
0.2999

■ 98.0160, -27.1229,
113.1190

■ 98.0160, -27.1229,
113.1190

■ 81.8930, -30.5132,
127.2588

■ 114.1390,
-23.7325, 98.9791

■ 67.8730, -33.4614,
139.5544

■ 129.5610,
-20.4896, 85.4540

■ 145.6840,
-17.0992, 71.3141


■ 161.8070,
-13.7089, 57.1743

■ 177.9300,
-10.3185, 43.0344

 193.3520, -7.0755,
29.5093

 209.4750, -3.6852,
15.3694

 225.5980, -0.2948,
1.2296

 241.0200, 2.9481,
-12.2955

Harmonies

Analogous

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



83.2180, 13.6965, 133.9898



98.0160, -27.1229, 113.1190



109.6400, -54.0525, 70.4757

Triad

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



98.0160, -27.1229, 113.1190



90.4560, -18.9588, -79.3299



102.4450, 75.2096, -89.8443

Complementary

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



98.0160, -27.1229, 113.1190



171.9840, 27.1229, -113.1190

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.



110.8110, 66.6482, -97.1812



98.0160, -27.1229, 113.1190



100.7670, 12.9329, -88.3727

Square

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



98.0160, -27.1229, 113.1190



96.8750, -47.7594, -34.9704



108.7470, 43.5087, -95.3711



118.4570, 57.4557, 4.8612

Rectangle

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



98.0160, -27.1229, 113.1190



111.5020, -54.9705, 38.1477



108.7470, 43.5087, -95.3711



106.5540, 73.1839, -93.4479

Sweetspot

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



98.0160, -27.1229, 113.1190



212.2390, -8.9918, 37.5014



118.9920, 53.2479, 94.7230



102.0630, -5.4541, 22.7467



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.



98.0160, -27.1229, 113.1190



81.8530, -36.4095, 151.8499



152.0200, -53.7469, 65.7575



106.5880, -1.7689, 7.3773



53.5210, -26.3859, 110.0451



15.2490, -7.5178, 31.3536

Inverse Universe

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



171.9840, 27.1229, -113.1190



181.1470, 36.4095, -151.8499



117.9800, 53.7469, -65.7575



111.4120, 1.7689, -7.3773



125.4790, 26.3859, -110.0451



35.7510, 7.5178, -31.3536

Previews

White Background



This preview shows how the YUV color 98.0160, -27.1229, 113.1190 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 98.0160, -27.1229, 113.1190 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 98.0160, -27.1229, 113.1190

Background



This preview shows how black text looks on a background with the YUV color 98.0160, -27.1229, 113.1190.



This preview shows how white text looks on a background with the YUV color 98.0160, -27.1229,

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

98.0160, -27.1229, 113.1190

Protanopia

116.2040, -26.2296, 12.9761

Deuteranopia

114.1450, -43.4555, 31.4448



Tritanopia

98.0160, -27.1229, 113.1190

Trichromacy



Original Color

98.0160, -27.1229, 113.1190

Protanomaly

109.4350, -26.3435, 49.6075

Deuteranomaly

108.5260, -37.7273, 60.9287

Tritanomaly

98.0160, -27.1229, 113.1190

Monochromacy



Original Color

98.0160, -27.1229, 113.1190

Achromatopsia

98.0000, 0.0000, 0.0000

Achromatomaly

98.0330, -9.8763, 41.1901

CSS Examples

Text

The CSS property to change the color of the text to YUV 98.0160, -27.1229, 113.1190 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(227, 43, 43)` looks like.

```
.text, #text, p{  
    color:rgb(227, 43, 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(227, 43, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 43, 43) }
```

Border

The CSS property to change the border of an element to YUV 98.0160, -27.1229, 113.1190 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(227, 43, 43) }
```


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

```
.border{ border-color:rgb(227, 43, 43) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 43, 43)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 43, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 43, 43);  
box-shadow:4px 4px 4px 4px rgb(227, 43,  
43) }
```

Background

The CSS property to change the background color of an element to YUV 98.0160, -27.1229, 113.1190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 43, 43) }
```

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

```
.background{ background-color: rgb(227, 43,  
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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