

Converting Colors

YIQ(87.1060, 91.5550, 31.2910)

Have a look what the booklet for
YIQ(87.1060, 91.5550, 31.2910)
contains.

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Color

**YIQ(87.1060, 91.5550,
31.2910)**

Conversions

Conversions Part 1

Format	Color
Hex	C22A27
RGB	194, 42, 39
RGB Percent	76%, 16%, 15%
CMY	0.2389, 0.8355, 0.8467
CMYK	0.00, 0.78, 0.80, 0.24
HSL	1°, 66%, 46%
HSV	1°, 80%, 76%
XYZ	23.4651, 13.2800, 3.2541
YIQ	87.1060, 91.5550, 31.2910

Conversions

Conversions Part 2

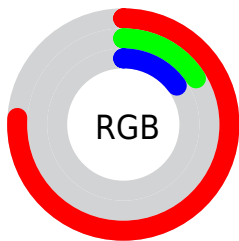
Format	Color
RYB	194, 42, 39
Decimal	12724775
CIELab	43.18, 58.57, 39.97
CIELCh	43, 70.909, 34.313
Yxy	13.2800, 0.5866, 0.3320
Android (android.graphics.Color)	4290914855 (0xFFC22A27)
YUV	87.1060, -23.7163, 93.7460
Hunter-Lab	36.4417, 51.1648, 20.2148

Details

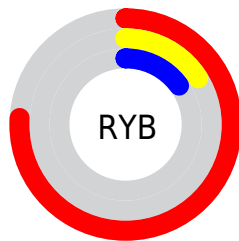
The YIQ color **87.1060, 91.5550, 31.2910** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **145.8940, -91.5550, -31.2910**, and the grayscale version is **87.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **145.2220, 96.9200, 27.6720**, and **39.4680, 78.6720, 27.9840** is the 20% darker color. If you saturate the color by 10%, you get **73.7870, 102.8790, 35.3190**, and if you desaturate by 10%, it is **100.5390, 79.9100, 27.5740**.

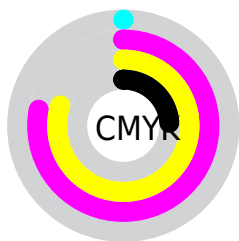
Distribution



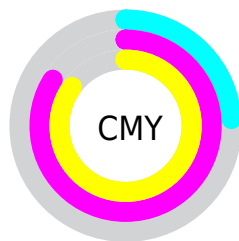
- Red (76%)
- Green (16%)
- Blue (15%)



- Red (76%)
- Yellow (16%)
- Blue (15%)



- Cyan (0%)
- Magenta (78%)
- Yellow (80%)
- Black (24%)



- Cyan (24%)
- Magenta (84%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 87.1060, 91.5550, 31.2910 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 YIQ color 87.1060, 91.5550, 31.2910 by changing the saturation by 10% instead.

87.1060, 91.5550,
31.2910

87.1060, 91.5550,
31.2910

255.0000, -0.0000,
-0.0000

50.6750, 91.6910,
39.8430

145.2220, 96.9200,
27.6720

39.4680, 78.6720,
27.9840

164.5080, 81.1950,
20.8030

30.1990, 60.1960,
21.4120

183.9080, 65.1490,
14.2450

21.7560, 42.2700,
15.8860

203.8950, 48.8280,
7.1640

12.6720, 24.7110,
9.2150

223.9960, 32.1860,
0.3940

0.0000, 0.0000,
0.0000

244.2110, 15.2230,

-6.0650

253.9740, 2.8890,
-2.7990

87.1060, 91.5550,
31.2910

87.1060, 91.5550,
31.2910

73.7870, 102.8790,
35.3190

100.5390, 79.9100,
27.5740

60.3540, 114.5240,
39.0360

113.8580, 68.5860,
23.5460

127.1770, 57.2620,
19.5180

140.6100, 45.6170,
15.8010

153.9290, 34.2930,
11.7730

■ 167.3620, 22.6480,
8.0560

■ 180.6810, 11.3240,
4.0280

■ 194.0000, -0.0000,
0.0000

■ 207.4330,
-11.6450, -3.7170

Harmonies

Analogous

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



71.0430, 88.9800, 72.4680



87.1060, 91.5550, 31.2910



95.1100, 75.4230, -6.7610

Triad

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



87.1060, 91.5550, 31.2910



77.5590, -48.9120, -49.7120



88.0030, -100.3660, 12.7700

Complementary

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



87.1060, 91.5550, 31.2910



145.8940, -91.5550, -31.2910

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.



94.8530, -100.3640, 1.7160



87.1060, 91.5550, 31.2910



86.3880, -69.6390, -31.9990

Square

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



87.1060, 91.5550, 31.2910



83.9390, -0.3120, -49.4320



93.0000, -88.2570, -13.9610



102.3400, -22.7030, 42.5210

Rectangle

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



87.1060, 91.5550, 31.2910



96.4180, 53.4640, -21.8000



93.0000, -88.2570, -13.9610



91.4110, -101.6950, 9.3210

Sweetspot

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



87.1060, 91.5550, 31.2910



210.5270, 35.4850, 12.1970



102.7870, 43.2670, 80.4430



102.0630, 22.0520, 7.8440



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.



87.1060, 91.5550, 31.2910



85.2930, 142.8570, 48.6890



132.3050, 70.3800, -8.9800



89.9900, 5.9600, 2.1200



49.9000, 95.1310, 32.5630



10.4540, 19.3930, 6.4730

Inverse Universe

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



145.8940, -91.5550, -31.2910



177.2940, -143.1320, -49.2120



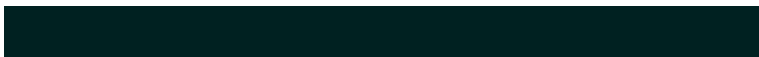
100.6950, -70.3800, 8.9800



94.0100, -5.9600, -2.1200



111.1000, -95.1310, -32.5630



23.1330, -19.6680, -6.9960

Previews

White Background



This preview shows how the YIQ color 87.1060, 91.5550, 31.2910 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 YIQ color 87.1060, 91.5550, 31.2910 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](#).

YIQ 87.1060, 91.5550, 31.2910

Background



This preview shows how black text looks on a background with the YIQ color 87.1060, 91.5550, 31.2910.



This preview shows how white text looks on a background with the YIQ color 87.1060, 91.5550,

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

87.1060, 91.5550, 31.2910

Protanopia

100.6320, 21.0470, -12.4970

Deuteranopia

99.3600, 42.1840, -15.6080



Tritanopia

87.4480, 90.5920, 32.2240

Trichromacy



Original Color

87.1060, 91.5550, 31.2910

Protanomaly

95.7050, 46.3070, 3.2910

Deuteranomaly

95.0670, 59.7870, 1.2830

Tritanomaly

87.3340, 90.9130, 31.9130

Monochromacy



Original Color

87.1060, 91.5550, 31.2910

Achromatopsia

87.0000, -0.0000, -0.0000

Achromatomaly

87.3310, 33.1010, 11.3490

CSS Examples

Text

The CSS property to change the color of the text to YIQ 87.1060, 91.5550, 31.2910 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(194, 42, 39)` looks like.

```
.text, #text, p{  
    color:rgb(194, 42, 39)  
}
```

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(194, 42, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 42, 39) }
```

Border

The CSS property to change the border of an element to YIQ 87.1060, 91.5550, 31.2910 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(194, 42, 39) }
```


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

```
.border{ border-color:rgb(194, 42, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 42, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 42, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 42, 39);  
box-shadow:4px 4px 4px 4px rgb(194, 42,  
39) }
```

Background

The CSS property to change the background color of an element to YIQ 87.1060, 91.5550, 31.2910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 42, 39) }
```

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

```
.background{ background-color: rgb(194, 42,  
39) }
```

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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