

Converting Colors

YIQ(113.1790, 81.2840, 35.7160)

Have a look what the booklet for
YIQ(113.1790, 81.2840, 35.7160)
contains.

YIQ(113.1790, 81.2840, 35.7160)	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

**YIQ(113.1790, 81.2840,
35.7160)**

Conversions

Conversions Part 1

Format	Color
Hex	D54454
RGB	213, 68, 84
RGB Percent	84%, 27%, 33%
CMY	0.1644, 0.7335, 0.6703
CMYK	0.00, 0.68, 0.61, 0.16
HSL	353°, 63%, 55%
HSV	353°, 68%, 84%
XYZ	31.1336, 18.9279, 10.4163
YIQ	113.1790, 81.2840, 35.7160

Conversions

Conversions Part 2

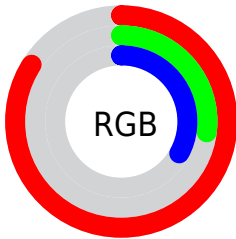
Format	Color
RYB	213, 68, 84
Decimal	13976660
CIELab	50.60, 57.59, 23.36
CIELCh	51, 62.145, 22.081
Yxy	18.9279, 0.5148, 0.3130
Android (android.graphics.Color)	4292166740 (0xFFD54454)
YUV	113.1790, -14.3852, 87.5430
Hunter-Lab	43.5062, 51.6011, 16.2591

Details

The YIQ color **113.1790, 81.2840, 35.7160** is a dark color, and the websafe version is hex **FF6666**. The color can be described as dark muted red. A complement of this color would be **167.8210, -81.2840, -35.7160**, and the grayscale version is **113.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **164.1950, 75.1870, 30.5710**, and **49.8940, 78.0730, 44.3530** is the 20% darker color. If you saturate the color by 10%, you get **98.6860, 93.1580, 40.7900**, and if you desaturate by 10%, it is **127.6720, 69.4100, 30.6420**.

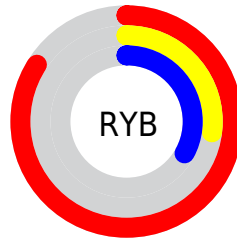
Distribution



Red (84%)

Green (27%)

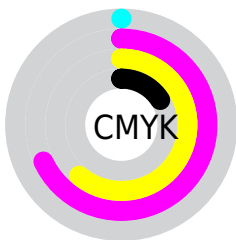
Blue (33%)



Red (84%)

Yellow (27%)

Blue (33%)

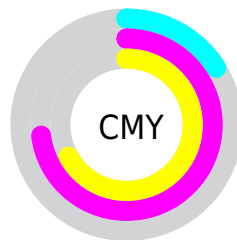


Cyan (0%)

Magenta (68%)

Yellow (61%)

Black (16%)



Cyan (16%)

Magenta (73%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 113.1790, 81.2840, 35.7160 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 113.1790, 81.2840, 35.7160 by changing the saturation by 10% instead.

■ 113.1790, 81.2840,
35.7160

■ 113.1790, 81.2840,
35.7160

■ 255.0000, -0.0000,
-0.0000

■ 83.0910, 78.7160,
38.2040

■ 164.1950, 75.1870,
30.5710

■ 49.8940, 78.0730,
44.3530

■ 183.7090, 58.8200,
24.3240

■ 38.7580, 66.2920,
32.0840

■ 203.8100, 42.1780,
17.5540

■ 27.5080, 54.8320,
19.5040

■ 223.9110, 25.5360,
10.7840

■ 19.4780, 37.1810,
14.5010

■ 244.2400, 8.2520,
4.6360

■ 9.3830, 18.1550,
6.8830

■ 0.0000, 0.0000,

0.0000

■ 113.1790, 81.2840,
35.7160

■ 113.1790, 81.2840,
35.7160

■ 98.6860, 93.1580,
40.7900

■ 127.6720, 69.4100,
30.6420

■ 83.6060, 105.3070,
46.3870

■ 142.7520, 57.2610,
25.0450

■ 69.1130, 117.1810,
51.4610

■ 157.2450, 45.3870,
19.9710

■ 66.4230, 119.2440,
52.6200

■ 171.7380, 33.5130,
14.8970

■ 186.2310, 21.6390,
9.8230

■ 201.3110, 9.4900,
4.2260

■ 215.8040, -2.3840,
-0.8480

■ 230.2970,
-14.2580, -5.9220

■ 242.4420,
-25.0320, -8.9040

Harmonies

Analogous

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



115.6660, 61.5200, 52.4960



113.1790, 81.2840, 35.7160



114.8260, 79.6390, 4.9430

Triad

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



113.1790, 81.2840, 35.7160



95.3660, -38.1830, -51.4230



102.6610, -108.5710, 1.7730

Complementary

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



113.1790, 81.2840, 35.7160



167.8210, -81.2840, -35.7160

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.



106.0230, -104.2590, -10.2990



113.1790, 81.2840, 35.7160



96.3840, -72.9840, -42.9680

Square

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



113.1790, 81.2840, 35.7160



107.7160, 28.2970, -44.7830



102.6540, -90.6390, -25.8630



117.6090, -48.9260, 27.6660

Rectangle

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



113.1790, 81.2840, 35.7160



113.3510, 72.7660, -19.1860



102.6540, -90.6390, -25.8630



104.5530, -108.3870, -1.5630

Sweetspot

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



113.1790, 81.2840, 35.7160



219.9330, 28.4700, 12.6780



122.8020, 29.7430, 72.2310



106.6110, 17.5130, 7.5050



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.



113.1790, 81.2840, 35.7160



111.1130, 117.1810, 51.4610



144.2270, 71.0200, 1.4520



99.5170, 5.9140, 2.9540



53.2950, 95.8170, 42.1610



13.4270, 24.0230, 10.6710

Inverse Universe

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



113.1790, 81.2840, 35.7160



111.1130, 117.1810, 51.4610



136.7730, -71.0200, -1.4520



99.5170, 5.9140, 2.9540



53.2950, 95.8170, 42.1610



13.4270, 24.0230, 10.6710

Previews

White Background



This preview shows how the YIQ color 113.1790, 81.2840, 35.7160 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 YIQ color 113.1790, 81.2840, 35.7160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

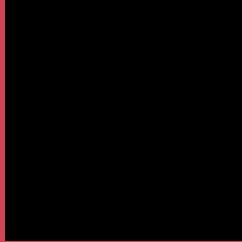
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 113.1790, 81.2840, 35.7160

Background



This preview shows how black text looks on a background with the YIQ color 113.1790, 81.2840, 35.7160.



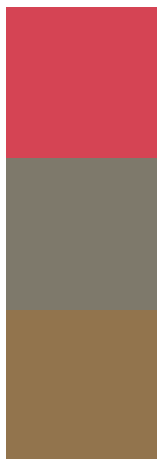
This preview shows how white text looks on a background with the YIQ color 113.1790, 81.2840,

35.7160.

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

113.1790, 81.2840, 35.7160

Protanopia

120.8990, 7.4740, -3.2940

Deuteranopia

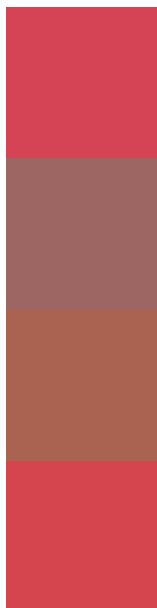
120.5240, 30.3990, -5.7690



Tritanopia

113.2130, 83.9440, 31.5600

Trichromacy



Original Color

113.1790, 81.2840, 35.7160

Protanomaly

118.4020, 34.3390, 10.9390

Deuteranomaly

118.0630, 48.4150, 9.1430

Tritanomaly

113.0820, 82.9350, 33.3270

Monochromacy



Original Color

113.1790, 81.2840, 35.7160

Achromatopsia

113.0000, -0.0000, 0.0000

Achromatomaly

113.1180, 29.3870, 12.5790

CSS Examples

Text

The CSS property to change the color of the text to YIQ 113.1790, 81.2840, 35.7160 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(213, 68, 84)` looks like.

```
.text, #text, p{  
    color:rgb(213, 68, 84)  
}
```

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(213, 68, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 68, 84) }
```

Border

The CSS property to change the border of an element to YIQ 113.1790, 81.2840, 35.7160 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(213, 68, 84) }
```


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

```
.border{ border-color:rgb(213, 68, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 68, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 68, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 68, 84);  
box-shadow:4px 4px 4px 4px rgb(213, 68,  
84) }
```

Background

The CSS property to change the background color of an element to YIQ 113.1790, 81.2840, 35.7160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 68, 84) }
```

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

```
.background{ background-color: rgb(213, 68,  
84) }
```

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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