

Converting Colors

YIQ(100.1520, 112.2770,
41.2130)

Have a look what the booklet for
YIQ(100.1520, 112.2770, 41.2130)
contains.

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Color

**YIQ(100.1520, 112.2770,
41.2130)**

Conversions

Conversions Part 1

Format	Color
Hex	E92B2E
RGB	233, 43, 46
RGB Percent	91%, 17%, 18%
CMY	0.0858, 0.8316, 0.8192
CMYK	0.00, 0.82, 0.80, 0.09
HSL	359°, 81%, 54%
HSV	359°, 82%, 91%
XYZ	34.9984, 19.2632, 4.4700
YIQ	100.1520, 112.2770, 41.2130

Conversions

Conversions Part 2

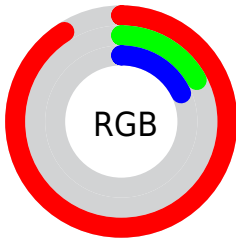
Format	Color
R_{YB}	233, 43, 46
Decimal	15280942
CIE _{Lab}	50.99, 69.61, 46.51
CIE _{LCh}	51, 83.720, 33.750
Yxy	19.2632, 0.5959, 0.3280
Android (android.graphics.Color)	4293471022 (0xFFE92B2E)
YUV	100.1520, -26.6969, 116.5077
Hunter-Lab	43.8899, 65.5311, 24.6845

Details

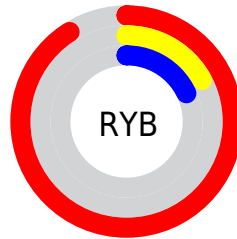
The YIQ color **100.1520, 112.2770, 41.2130** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **175.8480, -112.2770, -41.2130**, and the grayscale version is **100.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **150.2430, 92.4270, 26.4990**, and **50.2320, 100.1280, 35.6160** is the 20% darker color. If you saturate the color by 10%, you get **84.0290, 125.9850, 46.0890**, and if you desaturate by 10%, it is **116.2750, 98.5690, 36.3370**.

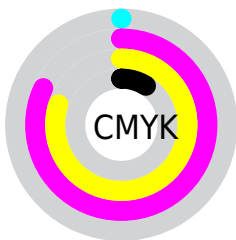
Distribution



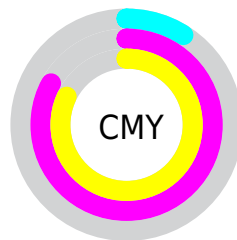
- Red (91%)
- Green (17%)
- Blue (18%)



- Red (91%)
- Yellow (17%)
- Blue (18%)



- Cyan (0%)
- Magenta (82%)
- Yellow (80%)
- Black (9%)





- Cyan (9%)
- Magenta (83%)
- Yellow (82%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 100.1520, 112.2770, 41.2130 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 100.1520, 112.2770, 41.2130 by changing the saturation by 10% instead.


 100.1520,
112.2770, 41.2130


 100.1520,
112.2770, 41.2130


255.0000, -0.0000,
-0.0000


 62.5360, 111.4960,
49.8640


 150.2430, 92.4270,
26.4990


 50.2320, 100.1280,
35.6160


 170.2300, 76.1060,
19.4180


 40.6640, 81.0560,
28.8320


 190.6900, 59.8310,
11.5030

 31.2100, 61.6630,
22.3590

 210.7910, 43.1890,
4.7330

 22.7670, 43.7370,
16.8330

 231.5930, 25.9510,
-2.2490

 12.9710, 25.3070,
9.4270

 251.8080, 8.9880,

 0.0000, 0.0000,

-8.7080

0.0000

■ 100.1520,
112.2770, 41.2130

■ 100.1520,
112.2770, 41.2130

■ 84.0290, 125.9850,
46.0890

■ 116.2750, 98.5690,
36.3370

■ 70.1230, 137.5840,
50.6400


■ 132.9850, 84.5860,
30.9380


■ 149.1080, 70.8780,
26.0620


■ 165.2310, 57.1700,
21.1860

■ 181.3540, 43.4620,
16.3100

■ 198.0640, 29.4790,
10.9110

 214.1870, 15.7710,
6.0350

 230.1960, 2.3840,
0.8480

 246.9060,
-11.5990, -4.5510

Harmonies

Analogous

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



85.5820, 106.9960, 87.3800



100.1520, 112.2770, 41.2130



112.6080, 91.5160, -6.5640

Triad

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



100.1520, 112.2770, 41.2130



92.2170, -57.1170, -60.7090



104.7930, -117.3300, 11.8380

Complementary

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



100.1520, 112.2770, 41.2130



175.8480, -112.2770, -41.2130

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.



113.7290, -120.4460, 2.2260



100.1520, 112.2770, 41.2130



103.3430, -82.9340, -38.8540

Square

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



100.1520, 112.2770, 41.2130



100.1310, -1.2730, -59.5530



111.4370, -105.7250, -16.7730



121.6030, -30.4530, 50.8190

Rectangle

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



100.1520, 112.2770, 41.2130



114.7580, 64.0100, -25.7020



111.4370, -105.7250, -16.7730



108.9020, -119.2550, 8.1770

Sweetspot

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



100.1520, 112.2770, 41.2130



212.3530, 36.0350, 13.2430



119.6760, 48.6740, 98.0980



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.



100.1520, 112.2770, 41.2130



80.2060, 147.7160, 54.2440



152.0530, 88.7650, -6.2670



109.2890, 6.5560, 2.3320



54.4610, 106.9130, 39.3050



16.2600, 31.8630, 11.7590

Inverse Universe

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



100.1520, 112.2770, 41.2130



80.2060, 147.7160, 54.2440



123.9470, -88.7650, 6.2670



109.2890, 6.5560, 2.3320



54.4610, 106.9130, 39.3050



16.2600, 31.8630, 11.7590

Previews

White Background



This preview shows how the YIQ color 100.1520, 112.2770, 41.2130 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 100.1520, 112.2770, 41.2130 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 100.1520, 112.2770, 41.2130

Background



This preview shows how black text looks on a background with the YIQ color 100.1520, 112.2770, 41.2130.



This preview shows how white text looks on a background with the YIQ color 100.1520, 112.2770,

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

100.1520, 112.2770, 41.2130

Protanopia

119.4320, 24.4860, -14.2500

Deuteranopia

117.4440, 50.5750, -19.0010



Tritanopia

99.8100, 113.2400, 40.2800

Trichromacy



Original Color

100.1520, 112.2770, 41.2130

Protanomaly

112.2610, 56.4850, 6.0610

Deuteranomaly

110.9500, 73.3580, 3.1340

Tritanomaly

99.9240, 112.9190, 40.5910

Monochromacy



Original Color

100.1520, 112.2770, 41.2130

Achromatopsia

100.0000, -0.0000, -0.0000

Achromatomaly

99.7450, 40.8030, 14.9390

CSS Examples

Text

The CSS property to change the color of the text to YIQ 100.1520, 112.2770, 41.2130 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(233, 43, 46)` looks like.

```
.text, #text, p{  
    color:rgb(233, 43, 46)  
}
```

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(233, 43, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 43, 46) }
```

Border

The CSS property to change the border of an element to YIQ 100.1520, 112.2770, 41.2130 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(233, 43, 46) }
```


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

```
.border{ border-color:rgb(233, 43, 46) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 43, 46)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 43, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 43, 46);  
box-shadow:4px 4px 4px 4px rgb(233, 43,  
46) }
```

Background

The CSS property to change the background color of an element to YIQ 100.1520, 112.2770, 41.2130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 43, 46) }
```

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

```
.background{ background-color: rgb(233, 43,  
46) }
```

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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