

Converting Colors

YIQ(91.5940, 122.7760, 43.6720)

Have a look what the booklet for
YIQ(91.5940, 122.7760, 43.6720)
contains.

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Color

**YIQ(91.5940, 122.7760,
43.6720)**

Conversions

Conversions Part 1

Format	Color
Hex	EC1E1E
RGB	236, 30, 30
RGB Percent	93%, 12%, 12%
CMY	0.0740, 0.8826, 0.8819
CMYK	0.00, 0.87, 0.87, 0.07
HSL	360°, 85%, 52%
HSV	360°, 87%, 93%
XYZ	35.3316, 18.8728, 3.0173
YIQ	91.5940, 122.7760, 43.6720

Conversions

Conversions Part 2

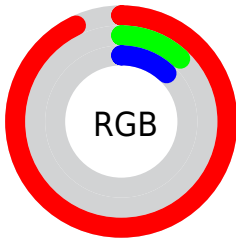
Format	Color
R_{YB}	236, 30, 30
Decimal	15474206
CIE Lab	50.54, 72.71, 54.20
CIE LCh	51, 90.686, 36.702
Yxy	18.8728, 0.6175, 0.3298
Android (android.graphics.Color)	4293664286 (0xFFEC1E1E)
YUV	91.5940, -30.3658, 126.6441
Hunter-Lab	43.4429, 69.1472, 26.2921

Details

The YIQ color **91.5940, 122.7760, 43.6720** 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 **174.4060, -122.7760, -43.6720**, and the grayscale version is **92.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **144.4240, 99.1670, 25.4950**, and **50.8300, 101.3200, 36.0400** is the 20% darker color. If you saturate the color by 10%, you get **74.8840, 136.7590, 49.0710**, and if you desaturate by 10%, it is **108.4180, 108.4720, 38.5840**.

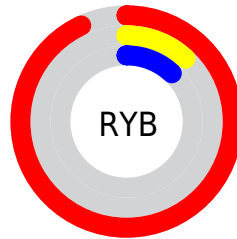
Distribution



Red (93%)

Green (12%)

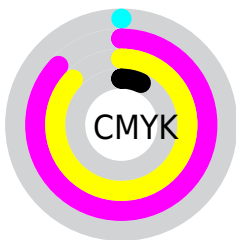
Blue (12%)



Red (93%)

Yellow (12%)

Blue (12%)

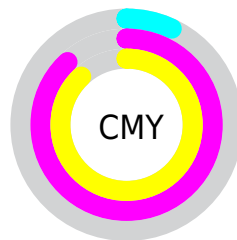


Cyan (0%)

Magenta (87%)

Yellow (87%)

Black (7%)



Cyan (7%)


Magenta (88%)


Yellow (88%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 91.5940, 122.7760, 43.6720 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 91.5940, 122.7760, 43.6720 by changing the saturation by 10% instead.


 91.5940, 122.7760,
43.6720


 91.5940, 122.7760,
43.6720


255.0000, -0.0000,
-0.0000


 61.2670, 119.3830,
44.5910


 144.4240, 99.1670,
25.4950


 50.8300, 101.3200,
36.0400


 164.8840, 82.8920,
17.5800


 41.2620, 82.2480,
29.2560


 185.4580, 66.2960,
9.9760

 31.8080, 62.8550,
22.7830

 206.0320, 49.7000,
2.3720

 23.1800, 44.0120,
17.3560

 226.7200, 32.7830,
-4.9210

 13.2700, 25.9030,
9.6390

 247.5220, 15.5450,

 0.0000, 0.0000,

-11.9030

0.0000

■ 253.1760, 5.1360,
-4.9760

■ 91.5940, 122.7760,
43.6720

■ 91.5940, 122.7760,
43.6720

■ 74.8840, 136.7590,
49.0710

■ 108.4180,
108.4720, 38.5840

■ 70.5640, 140.6560,
50.0320

■ 124.5410, 94.7640,
33.7080

■ 141.3650, 80.4600,
28.6200

■ 157.4880, 66.7520,
23.7440

■ 174.3120, 52.4480,
18.6560

■ 191.1360, 38.1440,
13.5680

■ 207.2590, 24.4360,
8.6920

■ 224.0830, 10.1320,
3.6040

■ 240.2060, -3.5760,
-1.2720

Harmonies

Analogous

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



86.9480, 114.6530, 86.2770



91.5940, 122.7760, 43.6720



111.7110, 89.7280, -7.2000

Triad

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



91.5940, 122.7760, 43.6720



92.9180, -57.7130, -60.9210



103.0320, -116.5050, 13.4070

Complementary

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



91.5940, 122.7760, 43.6720



174.4060, -122.7760, -43.6720

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.



114.1850, -121.7300, 3.4700



91.5940, 122.7760, 43.6720



104.1410, -85.1810, -36.6770

Square

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



91.5940, 122.7760, 43.6720



92.0470, -18.8320, -66.2240



112.8050, -109.5770, -13.0410



120.3530, -23.5770, 58.3670

Rectangle

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



91.5940, 122.7760, 43.6720



113.5510, 60.1590, -27.4970



112.8050, -109.5770, -13.0410



107.7280, -118.7050, 9.2230

Sweetspot

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



91.5940, 122.7760, 43.6720



208.7340, 39.3360, 13.9920



114.1810, 54.8620, 107.1020



99.9600, 23.8400, 8.4800



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.



91.5940, 122.7760, 43.6720



76.2450, 151.9800, 54.0600



150.2940, 95.2760, -8.6280



109.2890, 6.5560, 2.3320



54.1190, 107.8760, 38.3720



16.1460, 32.1840, 11.4480

Inverse Universe

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



91.5940, 122.7760, 43.6720



76.2450, 151.9800, 54.0600



115.7060, -95.2760, 8.6280



109.2890, 6.5560, 2.3320



54.1190, 107.8760, 38.3720



16.1460, 32.1840, 11.4480

Previews

White Background



This preview shows how the YIQ color 91.5940, 122.7760, 43.6720 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 91.5940, 122.7760, 43.6720 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 91.5940, 122.7760, 43.6720

Background



This preview shows how black text looks on a background with the YIQ color 91.5940, 122.7760, 43.6720.



This preview shows how white text looks on a background with the YIQ color 91.5940, 122.7760,

43.6720.

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

91.5940, 122.7760, 43.6720

Protanopia

117.0920, 31.1350, -19.1130

Deuteranopia

113.2520, 59.5630, -27.7090



Tritanopia

91.7250, 123.7850, 41.9050

Trichromacy



Original Color

91.5940, 122.7760, 43.6720

Protanomaly

107.9860, 64.5090, 3.8130

Deuteranomaly

105.2790, 82.4370, -1.7150

Tritanomaly

91.8390, 123.4640, 42.2160

Monochromacy



Original Color

91.5940, 122.7760, 43.6720

Achromatopsia

92.0000, 0.0000, -0.0000

Achromatomaly

91.4250, 44.7000, 15.9000

CSS Examples

Text

The CSS property to change the color of the text to YIQ 91.5940, 122.7760, 43.6720 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(236, 30, 30)` looks like.

```
.text, #text, p{  
    color:rgb(236, 30, 30)  
}
```

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(236, 30, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 30, 30) }
```

Border

The CSS property to change the border of an element to YIQ 91.5940, 122.7760, 43.6720 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(236, 30, 30) }
```


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

```
.border{ border-color:rgb(236, 30, 30) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 30, 30)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 30, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 30, 30);  
box-shadow:4px 4px 4px 4px rgb(236, 30,  
30) }
```

Background

The CSS property to change the background color of an element to YIQ 91.5940, 122.7760, 43.6720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 30, 30) }
```

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

```
.background{ background-color: rgb(236, 30,  
30) }
```

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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