

Converting Colors

YIQ(95.1190, 107.8760, 38.3720)

Have a look what the booklet for
YIQ(95.1190, 107.8760, 38.3720)
contains.

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Color

**YIQ(95.1190, 107.8760,
38.3720)**

Conversions

Conversions Part 1

Format	Color
Hex	DE2929
RGB	222, 41, 41
RGB Percent	87%, 16%, 16%
CMY	0.1290, 0.8394, 0.8388
CMYK	0.00, 0.82, 0.81, 0.13
HSL	360°, 73%, 52%
HSV	360°, 82%, 87%
XYZ	31.3503, 17.2884, 3.7925
YIQ	95.1190, 107.8760, 38.3720

Conversions

Conversions Part 2

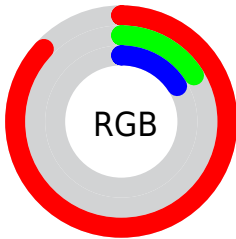
Format	Color
RYB	222, 41, 41
Decimal	14559529
CIELab	48.62, 66.92, 46.10
CIElCh	49, 81.266, 34.561
Yxy	17.2884, 0.5979, 0.3297
Android (android.graphics.Color)	4292749609 (0xFFDE2929)
YUV	95.1190, -26.6807, 111.2746
Hunter-Lab	41.5793, 61.8229, 23.6977

Details

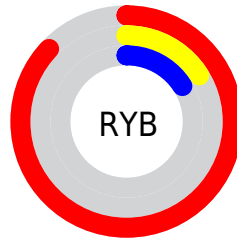
The YIQ color **95.1190, 107.8760, 38.3720** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **167.8810, -107.8760, -38.3720**, and the grayscale version is **95.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **147.9120, 94.8570, 26.5130**, and **47.2420, 94.1680, 33.4960** is the 20% darker color. If you saturate the color by 10%, you get **79.6970, 120.9880, 43.0360**, and if you desaturate by 10%, it is **110.5410, 94.7640, 33.7080**.

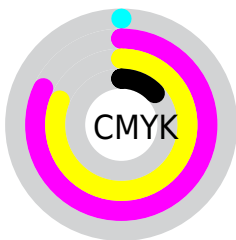
Distribution



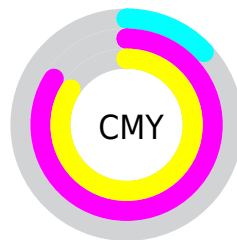
- Red (87%)
- Green (16%)
- Blue (16%)



- Red (87%)
- Yellow (16%)
- Blue (16%)



- Cyan (0%)
- Magenta (82%)
- Yellow (81%)
- Black (13%)





- Cyan (13%)
- Magenta (84%)
- Yellow (84%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 95.1190, 107.8760, 38.3720 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 95.1190, 107.8760, 38.3720 by changing the saturation by 10% instead.


 95.1190, 107.8760,
38.3720

 95.1190, 107.8760,
38.3720


255.0000, -0.0000,
-0.0000


 58.9760, 107.1410,
46.1890


 147.9120, 94.8570,
26.5130


 47.2420, 94.1680,
33.4960


 167.7850, 78.8570,
19.1210


 37.6740, 75.0960,
26.7120


 187.7720, 62.5360,
12.0400

 28.2200, 55.7030,
20.2390

 207.7590, 46.2150,
4.9590

 20.0760, 38.3730,
14.9250

 228.5610, 28.9770,
-2.0230

 9.6820, 18.7510,
7.0950

 249.3630, 11.7390,

 0.0000, 0.0000,

-9.0050

0.0000

254.4300, 1.6050,
-1.5550

■ 95.1190, 107.8760,
38.3720

■ 95.1190, 107.8760,
38.3720

■ 79.6970, 120.9880,
43.0360

■ 110.5410, 94.7640,
33.7080

■ 66.3780, 132.3120,
47.0640

■ 125.9630, 81.6520,
29.0440

■ 142.0860, 67.9440,
24.1680

■ 157.5080, 54.8320,
19.5040

■ 172.9300, 41.7200,
14.8400

■ 188.3520, 28.6080,
10.1760

■ 203.7740, 15.4960,
5.5120

■ 219.8970, 1.7880,
0.6360

■ 235.3190,
-11.3240, -4.0280

Harmonies

Analogous

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



81.3810, 103.0080, 82.5600



95.1190, 107.8760, 38.3720



107.2700, 86.6560, -6.5920

Triad

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



95.1190, 107.8760, 38.3720



87.9940, -54.8710, -57.3590



100.6840, -115.4050, 15.4990

Complementary

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



95.1190, 107.8760, 38.3720



167.8810, -107.8760, -38.3720

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.



108.4800, -115.3110, 2.7770



95.1190, 107.8760, 38.3720



98.1910, -79.4500, -35.9140

Square

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



95.1190, 107.8760, 38.3720



93.9290, -3.5200, -57.3760



105.9430, -101.2780, -14.7660



115.9300, -27.0600, 49.9000

Rectangle

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



95.1190, 107.8760, 38.3720



109.1320, 60.0210, -24.9950



105.9430, -101.2780, -14.7660



104.7930, -117.3300, 11.8380

Sweetspot

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



95.1190, 107.8760, 38.3720



212.2390, 36.3560, 12.9320



114.8560, 47.9870, 94.0270



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.



95.1190, 107.8760, 38.3720



79.7500, 149.0000, 53.0000



146.7750, 83.6760, -7.6520



104.2890, 6.5560, 2.3320



52.6240, 104.8960, 37.3120



14.3520, 28.6080, 10.1760

Inverse Universe

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



95.1190, 107.8760, 38.3720



79.7500, 149.0000, 53.0000



116.8120, -83.9510, 7.1290



104.2890, 6.5560, 2.3320



52.6240, 104.8960, 37.3120



14.3520, 28.6080, 10.1760

Previews

White Background



This preview shows how the YIQ color 95.1190, 107.8760, 38.3720 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 95.1190, 107.8760, 38.3720 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 95.1190, 107.8760, 38.3720

Background



This preview shows how black text looks on a background with the YIQ color 95.1190, 107.8760, 38.3720.



This preview shows how white text looks on a background with the YIQ color 95.1190, 107.8760,

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

95.1190, 107.8760, 38.3720

Protanopia

113.3180, 24.8070, -14.5610

Deuteranopia

111.1450, 49.9790, -19.2130



Tritanopia

95.0050, 108.1970, 38.0610

Trichromacy



Original Color

95.1190, 107.8760, 38.3720

Protanomaly

106.8370, 54.7430, 4.5910

Deuteranomaly

105.3410, 70.6990, 1.7630

Tritanomaly

95.0050, 108.1970, 38.0610

Monochromacy



Original Color

95.1190, 107.8760, 38.3720

Achromatopsia

95.0000, -0.0000, -0.0000

Achromatomaly

94.7340, 39.3360, 13.9920

CSS Examples

Text

The CSS property to change the color of the text to YIQ 95.1190, 107.8760, 38.3720 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(222, 41, 41)` looks like.

```
.text, #text, p{  
    color:rgb(222, 41, 41)  
}
```

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(222, 41, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 41, 41) }
```

Border

The CSS property to change the border of an element to YIQ 95.1190, 107.8760, 38.3720 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(222, 41, 41) }
```


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

```
.border{ border-color:rgb(222, 41, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 41, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 41, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 41, 41);  
box-shadow:4px 4px 4px 4px rgb(222, 41,  
41) }
```

Background

The CSS property to change the background color of an element to YIQ 95.1190, 107.8760, 38.3720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 41, 41) }
```

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

```
.background{ background-color: rgb(222, 41,  
41) }
```

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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