

Converting Colors

YIQ(99.7680, 122.2260, 42.6260)

Have a look what the booklet for
YIQ(99.7680, 122.2260, 42.6260)
contains.

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Color

**YIQ(99.7680, 122.2260,
42.6260)**

Conversions

Conversions Part 1

Format	Color
Hex	F32725
RGB	243, 39, 37
RGB Percent	95%, 15%, 15%
CMY	0.0466, 0.8473, 0.8544
CMYK	0.00, 0.84, 0.85, 0.05
HSL	1°, 90%, 55%
HSV	1°, 85%, 95%
XYZ	38.0634, 20.6564, 3.7414
YIQ	99.7680, 122.2260, 42.6260

Conversions

Conversions Part 2

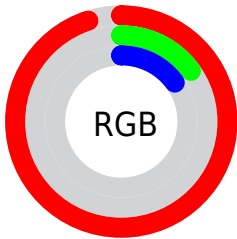
Format	Color
R_{YB}	243, 39, 37
Decimal	15935269
CIE _{Lab}	52.57, 72.98, 53.21
CIE _{LCh}	53, 90.316, 36.093
Yxy	20.6564, 0.6094, 0.3307
Android (android.graphics.Color)	4294125349 (0xFFFF32725)
YUV	99.7680, -30.9446, 125.6145
Hunter-Lab	45.4493, 69.9556, 26.9337

Details

The YIQ color **99.7680, 122.2260, 42.6260** 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 **180.2320, -122.2260, -42.6260**, and the grayscale version is **100.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **148.7440, 95.2700, 24.5340**, and **52.9230, 105.4920, 37.5240** is the 20% darker color. If you saturate the color by 10%, you get **82.9440, 136.5300, 47.7140**, and if you desaturate by 10%, it is **116.5920, 107.9220, 37.5380**.

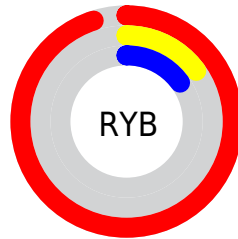
Distribution



Red (95%)

Green (15%)

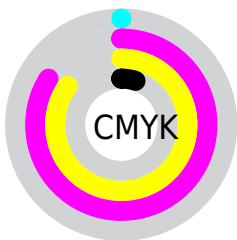
Blue (15%)



Red (95%)

Yellow (15%)

Blue (15%)

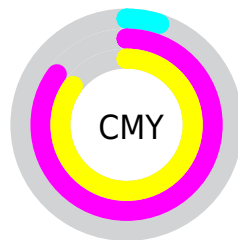


Cyan (0%)

Magenta (84%)

Yellow (85%)

Black (5%)



Cyan (5%)


Magenta (85%)


Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 99.7680, 122.2260, 42.6260 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 99.7680, 122.2260, 42.6260 by changing the saturation by 10% instead.


 99.7680, 122.2260,
42.6260


 99.7680, 122.2260,
42.6260


255.0000, -0.0000,
-0.0000


 64.2720, 120.9870,
48.5630


 148.7440, 95.2700,
24.5340


 52.9230, 105.4920,
37.5240


 169.2040, 78.9950,
16.6190


 43.0560, 85.8240,
30.5280


 189.7780, 62.3990,
9.0150

 33.4880, 66.7520,
23.7440

 209.8790, 45.7570,
2.2450

 24.8600, 47.9090,
18.3170

 230.5670, 28.8400,
-5.0480

 15.4770, 29.7540,
11.4340

 250.7820, 11.8770,

 0.0000, 0.0000,

-11.5070

0.0000

254.0880, 2.5680,
-2.4880

99.7680, 122.2260,
42.6260

99.7680, 122.2260,
42.6260

82.9440, 136.5300,
47.7140

116.5920,
107.9220, 37.5380


73.8310, 144.2780,
50.4700


133.5300, 93.2970,
32.7610

150.3540, 78.9930,
27.6730


167.1780, 64.6890,
22.5850

184.1160, 50.0640,
17.8080

 201.5270, 35.4850,
12.1970

 218.3510, 21.1810,
7.1090

 235.2890, 6.5560,
2.3320

 251.4120, -7.1520,
-2.5440

Harmonies

Analogous

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



89.1270, 115.7070, 89.2030



99.7680, 122.2260, 42.6260



116.4510, 93.3960, -7.5960

Triad

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



99.7680, 122.2260, 42.6260



96.1950, -60.0510, -62.6030



106.5540, -118.1550, 10.2690

Complementary

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



99.7680, 122.2260, 42.6260



180.2320, -122.2260, -42.6260

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.



117.1200, -123.1050, 0.8550



99.7680, 122.2260, 42.6260



108.1190, -88.1150, -38.5710

Square

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



99.7680, 122.2260, 42.6260



98.8690, -12.4590, -66.0830



116.1960, -112.2360, -14.4120



125.8690, -25.0900, 58.2540

Rectangle

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



99.7680, 122.2260, 42.6260



118.2910, 63.8270, -27.8930



116.1960, -112.2360, -14.4120



110.6630, -120.0800, 6.6080

Sweetspot

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



99.7680, 122.2260, 42.6260



210.7230, 37.8690, 13.0450



122.0780, 56.6500, 107.7380



101.2480, 22.9690, 7.7450



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.



99.7680, 122.2260, 42.6260



77.4190, 151.4300, 53.0140



159.0550, 94.4510, -10.1970



113.5880, 7.1520, 2.5440



56.7880, 110.3060, 38.3860



18.2280, 34.8890, 11.9850

Inverse Universe

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



180.2320, -122.2260, -42.6260



177.5810, -151.4300, -53.0140



120.9450, -94.4510, 10.1970



118.4120, -7.1520, -2.5440



129.7990, -110.5810, -38.9090



40.7720, -34.8890, -11.9850

Previews

White Background



This preview shows how the YIQ color 99.7680, 122.2260, 42.6260 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 99.7680, 122.2260, 42.6260 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 99.7680, 122.2260, 42.6260

Background



This preview shows how black text looks on a background with the YIQ color 99.7680, 122.2260, 42.6260.



This preview shows how white text looks on a background with the YIQ color 99.7680, 122.2260,

42.6260.

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

99.7680, 122.2260, 42.6260

Protanopia

122.4340, 30.1720, -18.1800

Deuteranopia

117.3940, 62.0390, -28.5290



Tritanopia

99.7680, 122.2260, 42.6260

Trichromacy



Original Color

99.7680, 122.2260, 42.6260

Protanomaly

113.8010, 63.5920, 3.9120

Deuteranomaly

111.1220, 84.3170, -2.7470

Tritanomaly

99.7680, 122.2260, 42.6260

Monochromacy



Original Color

99.7680, 122.2260, 42.6260

Achromatopsia

100.0000, -0.0000, -0.0000

Achromatomaly

100.0120, 44.4250, 15.3770

CSS Examples

Text

The CSS property to change the color of the text to YIQ 99.7680, 122.2260, 42.6260 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(243, 39, 37)` looks like.

```
.text, #text, p{  
    color:rgb(243, 39, 37)  
}
```

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(243, 39, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 39, 37) }
```

Border

The CSS property to change the border of an element to YIQ 99.7680, 122.2260, 42.6260 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(243, 39, 37) }
```


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

```
.border{ border-color:rgb(243, 39, 37) }
```

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

Here you see how a box with a 4 pixel rgb(243, 39, 37) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 39, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 39, 37);  
box-shadow:4px 4px 4px 4px rgb(243, 39,  
37) }
```

Background

The CSS property to change the background color of an element to YIQ 99.7680, 122.2260, 42.6260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 39, 37) }
```

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

```
.background{ background-color: rgb(243, 39,  
37) }
```

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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