

Converting Colors

YIQ(92.1640, 130.3390, 55.2910)

Have a look what the booklet for
YIQ(92.1640, 130.3390, 55.2910)
contains.

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Color

**YIQ(92.1640, 130.3390,
55.2910)**

Conversions

Conversions Part 1

Format	Color
Hex	FB152A
RGB	251, 21, 42
RGB Percent	98%, 8%, 16%
CMY	0.0151, 0.9179, 0.8348
CMYK	0.00, 0.92, 0.83, 0.02
HSL	354°, 97%, 53%
HSV	354°, 92%, 98%
XYZ	40.5218, 21.2366, 4.1658
YIQ	92.1640, 130.3390, 55.2910

Conversions

Conversions Part 2

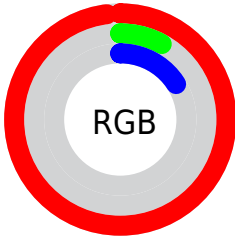
Format	Color
RYB	251, 21, 42
Decimal	16454954
CIELab	53.21, 78.01, 51.93
CIELCh	53, 93.713, 33.652
Yxy	21.2366, 0.6147, 0.3221
Android (android.graphics.Color)	4294645034 (0xFFFB152A)
YUV	92.1640, -24.7309, 139.2992
Hunter-Lab	46.0832, 76.3124, 26.8986

Details

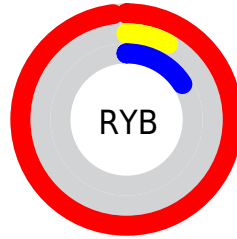
The YIQ color **92.1640, 130.3390, 55.2910** is a dark color, and the websafe version is hex **FF0033**. The color can be described as dark washed red. A complement of this color would be **179.8360, -130.3390, -55.2910**, and the grayscale version is **92.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **145.6780, 95.6360, 28.9160**, and **55.0160, 109.6640, 39.0080** is the 20% darker color. If you saturate the color by 10%, you get **77.6710, 142.2130, 60.3650**, and if you desaturate by 10%, it is **109.4610, 116.0810, 49.3690**.

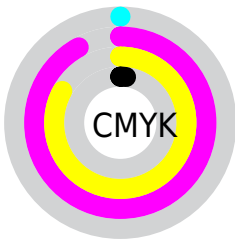
Distribution



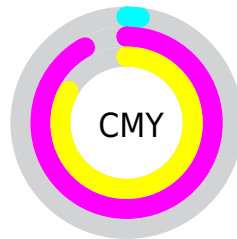
- Red (98%)
- Green (8%)
- Blue (16%)



- Red (98%)
- Yellow (8%)
- Blue (16%)



- Cyan (0%)
- Magenta (92%)
- Yellow (83%)
- Black (2%)





- Cyan (2%)
- Magenta (92%)
- Yellow (83%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 92.1640, 130.3390, 55.2910 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 92.1640, 130.3390, 55.2910 by changing the saturation by 10% instead.


 92.1640, 130.3390,
55.2910


 92.1640, 130.3390,
55.2910


255.0000, -0.0000,
-0.0000


 67.3480, 123.8290,
52.1250


 145.7920, 95.3150,
29.2270


 55.3150, 110.2600,
39.2200


 166.8390, 78.7650,
20.7890


 45.4480, 90.5920,
32.2240


 187.4130, 62.1690,
13.1850

 35.6950, 70.6030,
25.5390

 207.9870, 45.5730,
5.5810

 26.6540, 51.4850,
19.5890

 229.3760, 28.0600,
-1.9240

 16.9720, 32.7340,
12.4940

 250.1780, 10.8220,

 4.1860, 8.3440,

-8.9060

2.9680

254.6580, 0.9630,
-0.9330

■ 0.0000, 0.0000,
0.0000

■ 92.1640, 130.3390,
55.2910

■ 92.1640, 130.3390,
55.2910

■ 77.6710, 142.2130,
60.3650

■ 109.4610,
116.0810, 49.3690

■ 126.7580,
101.8230, 43.4470

■ 144.0550, 87.5650,
37.5250

■ 161.2380, 73.6280,
31.2920

■ 179.1220, 59.0950,
24.8470

■ 196.4190, 44.8370,
18.9250

■ 213.7160, 30.5790,
13.0030

■ 231.0130, 16.3210,
7.0810

■ 248.1960, 2.3840,
0.8480

Harmonies

Analogous

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



90.0390, 113.1390, 91.6910



92.1640, 130.3390, 55.2910



117.0820, 98.9890, -4.3310

Triad

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



92.1640, 130.3390, 55.2910



96.3430, -57.7120, -66.4480



108.9020, -119.2550, 8.1770

Complementary

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



92.1640, 130.3390, 55.2910



179.8360, -130.3390, -55.2910

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.



119.4680, -124.2050, -1.2370



92.1640, 130.3390, 55.2910



108.7230, -87.0600, -41.1720

Square

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



92.1640, 130.3390, 55.2910



101.8480, -7.9660, -64.9100



117.9570, -113.0610, -15.9810



125.1560, -33.3880, 54.4520

Rectangle

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



92.1640, 130.3390, 55.2910



119.7970, 68.2740, -25.8860



117.9570, -113.0610, -15.9810



113.0110, -121.1800, 4.5160

Sweetspot

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



92.1640, 130.3390, 55.2910



207.3150, 39.1980, 16.4940



109.1130, 49.5420, 115.4140



99.6010, 23.4730, 9.6250



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.



92.1640, 130.3390, 55.2910



78.8670, 144.5970, 61.2130



143.7740, 111.7800, 0.6440



116.1150, 7.1060, 3.3780



58.4490, 107.1870, 45.3550



18.9230, 34.4300, 14.7980

Inverse Universe

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



92.1640, 130.3390, 55.2910



78.8670, 144.5970, 61.2130



128.2260, -111.7800, -0.6440



116.1150, 7.1060, 3.3780



58.4490, 107.1870, 45.3550



18.9230, 34.4300, 14.7980

Previews

White Background



This preview shows how the YIQ color 92.1640, 130.3390, 55.2910 looks on a white background.

Color Contrast Check

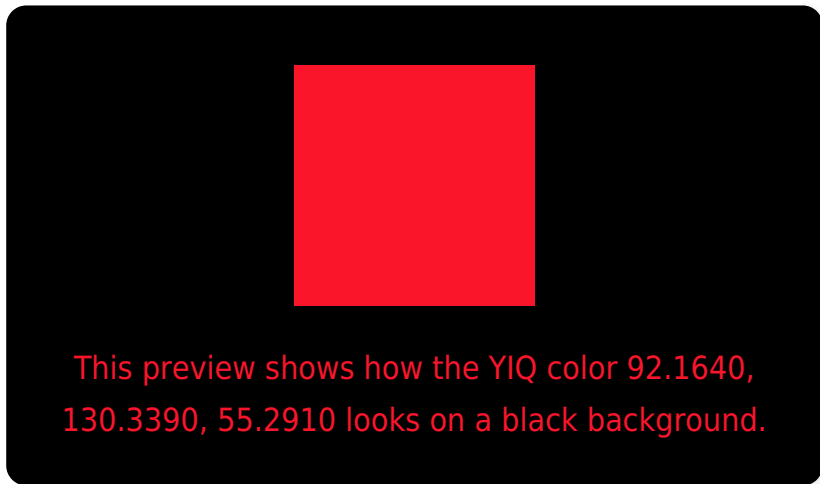
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 92.1640, 130.3390, 55.2910

Background



This preview shows how black text looks on a background with the YIQ color 92.1640, 130.3390, 55.2910.



This preview shows how white text looks on a background with the YIQ color 92.1640, 130.3390,

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

92.1640, 130.3390, 55.2910

Protanopia

124.9330, 27.3290, -16.2150

Deuteranopia

120.8760, 57.8660, -24.4860



Tritanopia

92.2490, 136.9890, 44.9010

Trichromacy



Original Color

92.1640, 130.3390, 55.2910

Protanomaly

112.9740, 64.7830, 9.8630

Deuteranomaly

110.7510, 84.2240, 4.4480

Tritanomaly

92.1010, 134.6500, 48.7460

Monochromacy



Original Color

92.1640, 130.3390, 55.2910

Achromatopsia

92.0000, 0.0000, -0.0000

Achromatomaly

92.0280, 47.4960, 20.2960

CSS Examples

Text

The CSS property to change the color of the text to YIQ 92.1640, 130.3390, 55.2910 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(251, 21, 42)` looks like.

```
.text, #text, p{  
    color:rgb(251, 21, 42)  
}
```

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(251, 21, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 21, 42) }
```

Border

The CSS property to change the border of an element to YIQ 92.1640, 130.3390, 55.2910 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(251, 21, 42) }
```


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

```
.border{ border-color:rgb(251, 21, 42) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 21, 42)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 21, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 21, 42);  
box-shadow:4px 4px 4px 4px rgb(251, 21,  
42) }
```

Background

The CSS property to change the background color of an element to YIQ 92.1640, 130.3390, 55.2910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 21, 42) }
```

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

```
.background{ background-color: rgb(251, 21,  
42) }
```

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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