

Converting Colors

YIQ(91.1700, 130.2020, 52.2660)

Have a look what the booklet for
YIQ(91.1700, 130.2020, 52.2660)
contains.

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Color

**YIQ(91.1700, 130.2020,
52.2660)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | F81624 |
| RGB | 248, 22, 36 |
| RGB Percent | 97%, 9%, 14% |
| CMY | 0.0269, 0.9139, 0.8583 |
| CMYK | 0.00, 0.91, 0.85, 0.03 |
| HSL | 356°, 94%, 53% |
| HSV | 356°, 91%, 97% |
| XYZ | 39.3663, 20.6803, 3.5963 |
| YIQ | 91.1700, 130.2020, 52.2660 |

Conversions

Conversions Part 2

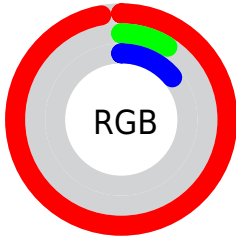
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 248, 22, 36 |
| Decimal | 16258596 |
| CIE Lab | 52.60, 77.03, 54.10 |
| CIE LCh | 53, 94.127, 35.084 |
| Yxy | 20.6803, 0.6186, 0.3249 |
| Android (android.graphics.Color) | 4294448676 (0xFFFF81624) |
| YUV | 91.1700, -27.1988, 137.5399 |
| Hunter-Lab | 45.4756, 74.9377, 27.1442 |

Details

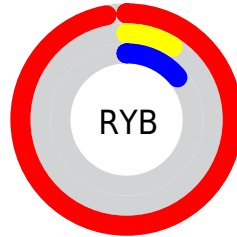
The YIQ color **91.1700, 130.2020, 52.2660** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **178.8300, -130.2020, -52.2660**, and the grayscale version is **91.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **145.1080, 97.2410, 27.3610**, and **54.4180, 108.4720, 38.5840** is the 20% darker color. If you saturate the color by 10%, you get **75.9760, 142.6720, 57.5520**, and if you desaturate by 10%, it is **108.4670, 115.9440, 46.3440**.

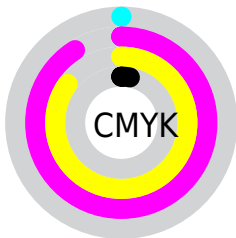
Distribution



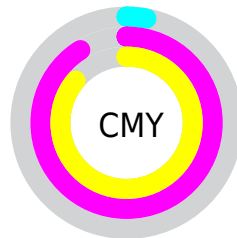
- Red (97%)
- Green (9%)
- Blue (14%)



- Red (97%)
- Yellow (9%)
- Blue (14%)



- Cyan (0%)
- Magenta (91%)
- Yellow (85%)
- Black (3%)





- Cyan (3%)
- Magenta (91%)
- Yellow (86%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 91.1700, 130.2020, 52.2660 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 91.1700, 130.2020, 52.2660 by changing the saturation by 10% instead.


 91.1700, 130.2020,
52.2660


 91.1700, 130.2020,
52.2660


255.0000, -0.0000,
-0.0000


 65.6530, 124.2880,
49.3120


 145.1080, 97.2410,
27.3610


 54.4180, 108.4720,
38.5840


 165.5680, 80.9660,
19.4460


 44.5510, 88.8040,
31.5880


 186.7290, 64.0950,
11.3190

 34.7980, 68.8150,
24.9030

 207.3030, 47.4990,
3.7150

 25.7570, 49.6970,
18.9530

 228.1050, 30.2610,
-3.2670


 16.3740, 31.5420,
12.0700

 248.9070, 13.0230,


 1.4950, 2.9800,


-10.2490


1.0600

 253.8600, 3.2100,
-3.1100

 0.0000, 0.0000,
0.0000


 91.1700, 130.2020,
52.2660


 91.1700, 130.2020,
52.2660


 75.9760, 142.6720,
57.5520

 108.4670,
115.9440, 46.3440

 125.8780,
101.3650, 40.7330

 142.5880, 87.3820,
35.3340

 159.8850, 73.1240,
29.4120

 177.1820, 58.8660,
23.4900

■ 194.5930, 44.2870,
17.8790

■ 211.8900, 30.0290,
11.9570

■ 228.6000, 16.0460,
6.5580

■ 245.8970, 1.7880,
0.6360

Harmonies

Analogous

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



89.4690, 114.7440, 90.1360



91.1700, 130.2020, 52.2660



115.8860, 96.6050, -5.1790

Triad

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



91.1700, 130.2020, 52.2660



96.0980, -58.4000, -64.9920



107.1410, -118.4300, 9.7460

Complementary

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



91.1700, 130.2020, 52.2660



178.8300, -130.2020, -52.2660

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.



118.2940, -123.6550, -0.1910



91.1700, 130.2020, 52.2660



107.8910, -87.4730, -39.1930

Square

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



91.1700, 130.2020, 52.2660



98.2710, -13.6510, -66.5070



117.5980, -113.4280, -14.8360



124.3030, -29.3080, 57.6040

Rectangle

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



91.1700, 130.2020, 52.2660



118.3020, 65.2940, -26.9460



117.5980, -113.4280, -14.8360



111.8370, -120.6300, 5.5620

Sweetspot

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



91.1700, 130.2020, 52.2660



207.0870, 39.8400, 15.8720



110.8530, 53.2100, 115.0180



99.4870, 23.7940, 9.3140



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.



91.1700, 130.2020, 52.2660



78.0690, 146.8440, 59.0360



147.1000, 107.7460, -3.3420



116.0010, 7.4270, 3.0670



57.8790, 108.7920, 43.8000



18.6950, 35.0720, 14.1760

Inverse Universe

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



91.1700, 130.2020, 52.2660



78.0690, 146.8440, 59.0360



122.9000, -107.7460, 3.3420



116.0010, 7.4270, 3.0670



57.8790, 108.7920, 43.8000



18.6950, 35.0720, 14.1760

Previews

White Background



This preview shows how the YIQ color 91.1700, 130.2020, 52.2660 looks on a white background.

Color Contrast Check

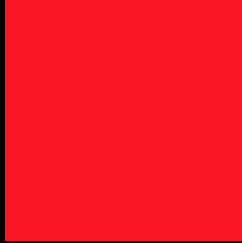
Large Text (above 18pt) WCAG AA ✓ Pass

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 91.1700, 130.2020, 52.2660 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 91.1700, 130.2020, 52.2660

Background



This preview shows how black text looks on a background with the YIQ color 91.1700, 130.2020, 52.2660.



This preview shows how white text looks on a background with the YIQ color 91.1700, 130.2020,

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

91.1700, 130.2020, 52.2660

Protanopia

122.5480, 29.8510, -17.8690

Deuteranopia

118.2800, 62.3600, -28.8400



Tritanopia

90.6510, 135.7970, 44.4770

Trichromacy



Original Color

91.1700, 130.2020, 52.2660

Protanomaly

110.9910, 66.1130, 7.7850

Deuteranomaly

108.1980, 87.1590, 0.8150

Tritanomaly

90.8620, 133.8250, 47.1770

Monochromacy



Original Color

91.1700, 130.2020, 52.2660

Achromatopsia

91.0000, -0.0000, -0.0000

Achromatomaly

91.0880, 47.2670, 18.9390

CSS Examples

Text

The CSS property to change the color of the text to YIQ 91.1700, 130.2020, 52.2660 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(248, 22, 36)` looks like.

```
.text, #text, p{  
    color:rgb(248, 22, 36)  
}
```

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(248, 22, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 22, 36) }
```

Border

The CSS property to change the border of an element to YIQ 91.1700, 130.2020, 52.2660 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(248, 22, 36) }
```


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

```
.border{ border-color:rgb(248, 22, 36) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 22, 36)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 22, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 22, 36);  
box-shadow:4px 4px 4px 4px rgb(248, 22,  
36) }
```

Background

The CSS property to change the background color of an element to YIQ 91.1700, 130.2020, 52.2660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 22, 36) }
```

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

```
.background{ background-color: rgb(248, 22,  
36) }
```

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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