

Converting Colors

YIQ(88.5740, 134.6960, 47.9120)

Have a look what the booklet for
YIQ(88.5740, 134.6960, 47.9120)
contains.

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Color

**YIQ(88.5740, 134.6960,
47.9120)**

Conversions

Conversions Part 1

Format	Color
Hex	F71515
RGB	247, 21, 21
RGB Percent	97%, 8%, 8%
CMY	0.0308, 0.9179, 0.9171
CMYK	0.00, 0.92, 0.91, 0.03
HSL	360°, 94%, 53%
HSV	360°, 92%, 97%
XYZ	38.8092, 20.3866, 2.6056
YIQ	88.5740, 134.6960, 47.9120

Conversions

Conversions Part 2

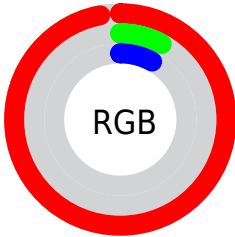
Format	Color
R_{YB}	247, 21, 21
Decimal	16192789
CIE Lab	52.27, 76.66, 60.08
CIE LCh	52, 97.399, 38.082
Yxy	20.3866, 0.6280, 0.3299
Android (android.graphics.Color)	4294382869 (0xFFFF71515)
YUV	88.5740, -33.3140, 138.9396
Hunter-Lab	45.1515, 74.4114, 28.1845

Details

The YIQ color **88.5740, 134.6960, 47.9120** is a dark color, and the websafe version is hex **FF0000**. The color can be described as dark washed red. A complement of this color would be **179.4260, -134.6960, -47.9120**, and the grayscale version is **89.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **143.0390, 101.6890, 23.8410**, and **53.8200, 107.2800, 38.1600** is the 20% darker color. If you saturate the color by 10%, you get **73.8530, 147.2120, 52.3640**, and if you desaturate by 10%, it is **106.0990, 119.7960, 42.6120**.

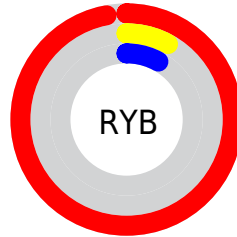
Distribution



Red (97%)

Green (8%)

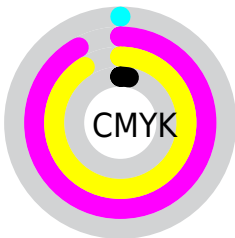
Blue (8%)



Red (97%)

Yellow (8%)

Blue (8%)

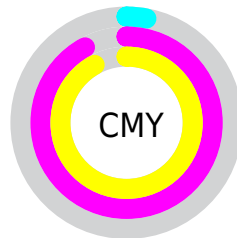


Cyan (0%)

Magenta (92%)

Yellow (91%)

Black (3%)



Cyan (3%)


Magenta (92%)


Yellow (92%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 88.5740, 134.6960, 47.9120 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 88.5740, 134.6960, 47.9120 by changing the saturation by 10% instead.


 88.5740, 134.6960,
47.9120


 88.5740, 134.6960,
47.9120


255.0000, -0.0000,
-0.0000


 63.6870, 126.9480,
45.1560


 143.0390,
101.6890, 23.8410


 53.8200, 107.2800,
38.1600


 164.0860, 85.1390,
15.4030


 43.9530, 87.6120,
31.1640

 184.6600, 68.5430,
7.7990

 34.4990, 68.2190,
24.6910

 205.2340, 51.9470,
0.1950

 25.5720, 48.7800,
19.0520

 225.9220, 35.0300,
-7.0980


 15.7760, 30.3500,
11.6460


 246.7240, 17.7920,


 0.2990, 0.5960,


-14.0800


0.2120

 252.3780, 7.3830,
-7.1530


 0.0000, 0.0000,
0.0000


 88.5740, 134.6960,
47.9120


 88.5740, 134.6960,
47.9120


 73.8530, 147.2120,
52.3640

 106.0990,
119.7960, 42.6120

 123.0370,
105.1710, 37.8350

 140.4480, 90.5920,
32.2240

 157.9730, 75.6920,
26.9240

 175.4980, 60.7920,
21.6240

■ 192.3220, 46.4880,
16.5360

■ 209.8470, 31.5880,
11.2360

■ 227.3720, 16.6880,
5.9360

■ 244.1960, 2.3840,
0.8480

Harmonies

Analogous

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



88.3290, 117.9540, 87.0260



88.5740, 134.6960, 47.9120



116.1520, 92.8000, -7.8080

Triad

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



88.5740, 134.6960, 47.9120



96.7820, -60.3260, -63.1260



105.3800, -117.6050, 11.3150

Complementary

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



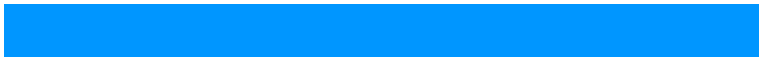
88.5740, 134.6960, 47.9120



179.4260, -134.6960, -47.9120

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



88.5740, 134.6960, 47.9120



108.8030, -90.0410, -36.7050

Square

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



88.5740, 134.6960, 47.9120



85.7020, -40.1500, -76.3580



118.0370, -116.0420, -11.5140



123.4940, -19.3600, 64.5440

Rectangle

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



88.5740, 134.6960, 47.9120



117.3830, 60.5720, -29.4760



118.0370, -116.0420, -11.5140



110.6630, -120.0800, 6.6080

Sweetspot

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



88.5740, 134.6960, 47.9120



206.6310, 41.1240, 14.6280



113.1420, 59.7660, 117.3500



99.2590, 24.4360, 8.6920



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.



88.5740, 134.6960, 47.9120



76.2450, 151.9800, 54.0600



152.5570, 104.7210, -9.0950



113.5880, 7.1520, 2.5440



55.6140, 110.8560, 39.4320



17.6410, 35.1640, 12.5080

Inverse Universe

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



88.5740, 134.6960, 47.9120



76.2450, 151.9800, 54.0600



115.4430, -104.7210, 9.0950



113.5880, 7.1520, 2.5440



55.6140, 110.8560, 39.4320



17.6410, 35.1640, 12.5080

Previews

White Background



This preview shows how the YIQ color 88.5740, 134.6960, 47.9120 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 88.5740, 134.6960, 47.9120 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 88.5740, 134.6960, 47.9120

Background



This preview shows how black text looks on a background with the YIQ color 88.5740, 134.6960, 47.9120.



This preview shows how white text looks on a background with the YIQ color 88.5740, 134.6960,

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

88.5740, 134.6960, 47.9120

Protanopia

120.6100, 35.3080, -23.1560

Deuteranopia

117.0950, 61.4430, -28.7410



Tritanopia

87.5650, 138.9150, 43.0350

Trichromacy



Original Color

88.5740, 134.6960, 47.9120

Protanomaly

109.0530, 71.5700, 2.4980

Deuteranomaly

106.4430, 87.8470, -0.6410

Tritanomaly

88.1350, 137.3100, 44.5900

Monochromacy



Original Color

88.5740, 134.6960, 47.9120

Achromatopsia

89.0000, -0.0000, -0.0000

Achromatomaly

88.8170, 49.4680, 17.5960

CSS Examples

Text

The CSS property to change the color of the text to YIQ 88.5740, 134.6960, 47.9120 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(247, 21, 21)` looks like.

```
.text, #text, p{  
    color:rgb(247, 21, 21)  
}
```

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(247, 21, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 21, 21) }
```

Border

The CSS property to change the border of an element to YIQ 88.5740, 134.6960, 47.9120 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(247, 21, 21) }
```


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

```
.border{ border-color:rgb(247, 21, 21) }
```

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

Here you see how a box with a 4 pixel rgb(247, 21, 21) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 21, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 21, 21);  
box-shadow:4px 4px 4px 4px rgb(247, 21,  
21) }
```

Background

The CSS property to change the background color of an element to YIQ 88.5740, 134.6960, 47.9120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 21, 21) }
```

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

```
.background{ background-color: rgb(247, 21,  
21) }
```

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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