

Converting Colors

YIQ(85.3750, 145.5620, 49.2260)

Have a look what the booklet for
YIQ(85.3750, 145.5620, 49.2260)
contains.

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Color

**YIQ(85.3750, 145.5620,
49.2260)**

Conversions

Conversions Part 1

Format	Color
Hex	FF0E08
RGB	255, 14, 8
RGB Percent	100%, 5%, 3%
CMY	0.0000, 0.9453, 0.9680
CMYK	0.00, 0.95, 0.97, 0.00
HSL	1°, 100%, 52%
HSV	1°, 97%, 100%
XYZ	41.4403, 21.5892, 2.2170
YIQ	85.3750, 145.5620, 49.2260

Conversions

Conversions Part 2

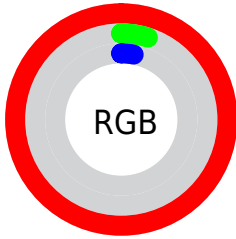
Format	Color
R_{YB}	255, 14, 8
Decimal	16715272
CIE _{Lab}	53.59, 79.19, 65.37
CIE _{LCh}	54, 102.682, 39.538
Yxy	21.5892, 0.6351, 0.3309
Android (android.graphics.Color)	4294905352 (0xFFFF0E08)
YUV	85.3750, -38.1459, 148.7611
Hunter-Lab	46.4642, 77.8876, 29.6960

Details

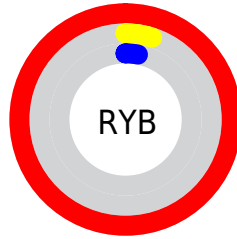
The YIQ color **85.3750, 145.5620, 49.2260** is a dark color, and the websafe version is hex **FF0000**. The color can be described as dark saturated red. A complement of this color would be **177.6250, -145.5620, -49.2260**, and the grayscale version is **86.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **141.5400, 104.5320, 21.8760**, and **55.9130, 111.4520, 39.6440** is the 20% darker color. If you saturate the color by 10%, you get **79.7670, 150.3300, 50.9220**, and if you desaturate by 10%, it is **103.0140, 130.3410, 44.2370**.

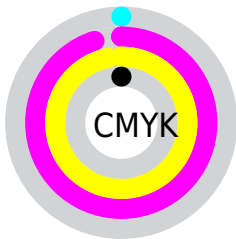
Distribution



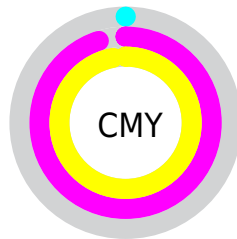
- Red (100%)
- Green (5%)
- Blue (3%)



- Red (100%)
- Yellow (5%)
- Blue (3%)



- Cyan (0%)
- Magenta (95%)
- Yellow (97%)
- Black (0%)





- Cyan (0%)
- Magenta (95%)
- Yellow (97%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 85.3750, 145.5620, 49.2260 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 85.3750, 145.5620, 49.2260 by changing the saturation by 10% instead.


 85.3750, 145.5620,
49.2260


 85.3750, 145.5620,
49.2260


254.8860, 0.3210,
-0.3110


 66.0790, 131.7160,
46.8520


 141.5400,
104.5320, 21.8760


 55.9130, 111.4520,
39.6440


 163.2880, 87.3860,
13.2260


 46.0460, 91.7840,
32.6480


 183.8620, 70.7900,
5.6220

 36.2930, 71.7950,
25.9630

 204.4360, 54.1940,
-1.9820

 27.2520, 52.6770,
20.0130

 225.1240, 37.2770,
-9.2750


 17.8690, 34.5220,
13.1300

 246.5130, 19.7640,


 5.6810, 11.3240,


-16.7800


4.0280


 251.5800, 9.6300,
-9.3300


 0.0000, 0.0000,
0.0000


 85.3750, 145.5620,
49.2260


 85.3750, 145.5620,
49.2260


 79.7670, 150.3300,
50.9220

 103.0140,
130.3410, 44.2370

 120.5390,
115.4410, 38.9370

 138.1780,
100.2200, 33.9480

 155.7030, 85.3200,
28.6480

 172.7550, 70.3740,
24.1820

190.2800, 55.4740,
18.8820

207.9190, 40.2530,
13.8930

225.4440, 25.3530,
8.5930

243.0830, 10.1320,
3.6040

Harmonies

Analogous

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



88.2150, 118.2750, 86.7150



85.3750, 145.5620, 49.2260



119.1090, 94.3590, -8.5290

Triad

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



85.3750, 145.5620, 49.2260



100.1730, -62.9850, -64.4970



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.



85.3750, 145.5620, 49.2260



177.6250, -145.5620, -49.2260

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.



120.0550, -124.4800, -1.7600



85.3750, 145.5620, 49.2260



112.7640, -94.3050, -36.5210

Square

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



85.3750, 145.5620, 49.2260



88.6370, -41.5250, -78.9730



122.5680, -121.9110, -9.7750



125.6090, -12.2540, 67.9220

Rectangle

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



85.3750, 145.5620, 49.2260



120.3180, 59.1970, -32.0910



122.5680, -121.9110, -9.7750



112.4240, -120.9050, 5.0390

Sweetspot

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



85.3750, 145.5620, 49.2260



204.3000, 43.5540, 14.6420



109.5550, 69.2090, 127.9370



97.0420, 26.5450, 9.0170



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.



85.3750, 145.5620, 49.2260



79.7670, 150.3300, 50.9220



156.9890, 112.0120, -14.5800



118.8870, 7.7480, 2.7560



59.4570, 112.7360, 38.4000



19.7230, 37.8690, 13.0450

Inverse Universe

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



177.6250, -145.5620, -49.2260



175.2330, -150.3300, -50.9220



106.0110, -112.0120, 14.5800



123.5260, -7.4730, -2.2330



131.5430, -112.7360, -38.4000



43.6900, -37.5940, -12.5220

Previews

White Background



This preview shows how the YIQ color 85.3750, 145.5620, 49.2260 looks on a white background.

Color Contrast Check

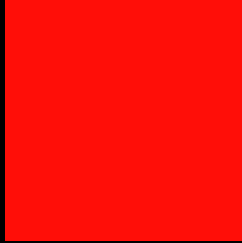
Large Text (above 18pt) WCAG AA ✓ Pass

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 85.3750, 145.5620, 49.2260 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 85.3750, 145.5620, 49.2260

Background



This preview shows how black text looks on a background with the YIQ color 85.3750, 145.5620, 49.2260.



This preview shows how white text looks on a background with the YIQ color 85.3750, 145.5620,

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

85.3750, 145.5620, 49.2260

Protanopia

122.9540, 40.0310, -26.1530

Deuteranopia

120.6390, 62.7270, -29.9850



Tritanopia

89.4470, 145.0590, 41.8190

Trichromacy



Original Color

85.3750, 145.5620, 49.2260

Protanomaly

109.2340, 78.3100, 1.4940

Deuteranomaly

107.6670, 93.0280, -0.9240

Tritanomaly

88.0280, 144.9210, 44.3210

Monochromacy



Original Color

85.3750, 145.5620, 49.2260

Achromatopsia

85.0000, -0.0000, 0.0000

Achromatomaly

85.0840, 53.0900, 18.0340

CSS Examples

Text

The CSS property to change the color of the text to YIQ 85.3750, 145.5620, 49.2260 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(255, 14, 8)` looks like.

```
.text, #text, p{  
    color:rgb(255, 14, 8)  
}
```

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(255, 14, 8) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 14, 8) }
```

Border

The CSS property to change the border of an element to YIQ 85.3750, 145.5620, 49.2260 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(255, 14, 8) }
```


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

```
.border{ border-color:rgb(255, 14, 8) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 14, 8)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 14, 8); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 14, 8);  
box-shadow:4px 4px 4px 4px rgb(255, 14, 8)  
}
```

Background

The CSS property to change the background color of an element to YIQ 85.3750, 145.5620, 49.2260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 14, 8) }
```

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

```
.background{ background-color: rgb(255, 14,  
8) }
```

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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