

Converting Colors

YIQ(77.6140, 129.1920, 59.5600)

Have a look what the booklet for
YIQ(77.6140, 129.1920, 59.5600)
contains.

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Color

**YIQ(77.6140, 129.1920,
59.5600)**

Conversions

Conversions Part 1

Format	Color
Hex	EE0424
RGB	238, 4, 36
RGB Percent	93%, 2%, 14%
CMY	0.0661, 0.9845, 0.8583
CMYK	0.00, 0.98, 0.85, 0.07
HSL	352°, 97%, 47%
HSV	352°, 98%, 93%
XYZ	35.6720, 18.4154, 3.3535
YIQ	77.6140, 129.1920, 59.5600

Conversions

Conversions Part 2

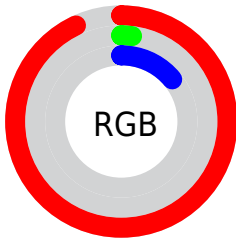
Format	Color
R_{YB}	238, 4, 36
Decimal	15598628
CIE _{Lab}	50.00, 76.20, 51.10
CIE _{LCh}	50, 91.741, 33.845
Yxy	18.4154, 0.6210, 0.3206
Android (android.graphics.Color)	4293788708 (0xFFEE0424)
YUV	77.6140, -20.5157, 140.6585
Hunter-Lab	42.9132, 73.2815, 25.4060

Details

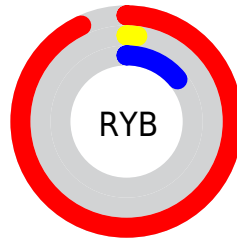
The YIQ color **77.6140, 129.1920, 59.5600** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **164.3860, -129.1920, -59.5600**, and the grayscale version is **78.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **140.8850, 99.4870, 30.7110**, and **51.4280, 102.5120, 36.4640** is the 20% darker color. If you saturate the color by 10%, you get **74.9240, 131.2550, 60.7190**, and if you desaturate by 10%, it is **94.0960, 115.8510, 53.5390**.

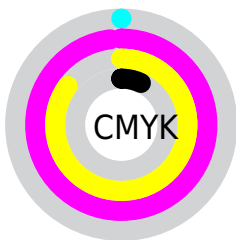
Distribution



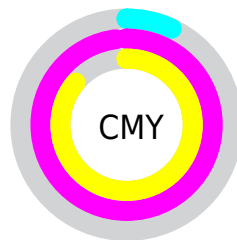
- Red (93%)
- Green (2%)
- Blue (14%)



- Red (93%)
- Yellow (2%)
- Blue (14%)



- Cyan (0%)
- Magenta (98%)
- Yellow (85%)
- Black (7%)





- Cyan (7%)
- Magenta (98%)
- Yellow (86%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 77.6140, 129.1920, 59.5600 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 77.6140, 129.1920, 59.5600 by changing the saturation by 10% instead.


 77.6140, 129.1920,
59.5600


 77.6140, 129.1920,
59.5600


255.0000, -0.0000,
-0.0000


 62.7770, 118.0070,
47.5030


 140.8850, 99.4870,
30.7110


 51.4280, 102.5120,
36.4640


 161.9320, 82.9370,
22.2730


 41.5610, 82.8440,
29.4680


 182.5060, 66.3410,
14.6690

 32.2210, 63.1300,
23.3060

 203.0800, 49.7450,
7.0650

 23.7780, 45.2040,
17.7800

 223.7680, 32.8280,
-0.2280

 13.5690, 26.4990,
9.8510

 244.5700, 15.5900,

 0.0000, 0.0000,

-7.2100

0.0000

253.7460, 3.5310,
-3.4210

77.6140, 129.1920,
59.5600

77.6140, 129.1920,
59.5600

74.9240, 131.2550,
60.7190

94.0960, 115.8510,
53.5390

110.4640,
102.8310, 47.2070

126.3590, 89.7650,
41.7090

142.7270, 76.7450,
35.3770

159.2090, 63.4040,
29.3560

■ 175.5770, 50.3840,
23.0240

■ 192.0590, 37.0430,
17.0030

■ 207.8400, 24.2980,
11.1940

■ 224.3220, 10.9570,
5.1730

Harmonies

Analogous

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



87.0340, 111.5350, 87.7190



77.6140, 129.1920, 59.5600



109.3850, 93.7620, -3.2140

Triad

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



77.6140, 129.1920, 59.5600



90.4900, -53.6320, -63.2960



103.6190, -116.7800, 12.8840

Complementary

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



77.6140, 129.1920, 59.5600



164.3860, -129.1920, -59.5600

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.



113.5980, -121.4550, 3.9930



77.6140, 129.1920, 59.5600



101.9410, -81.7420, -38.4300

Square

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



77.6140, 129.1920, 59.5600



93.8740, -10.8550, -62.1110



111.4200, -107.0550, -14.6950



117.3130, -35.2680, 55.4840

Rectangle

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



77.6140, 129.1920, 59.5600



112.6980, 64.2390, -24.3450



111.4200, -107.0550, -14.6950



108.3150, -118.9800, 8.7000

Sweetspot

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



77.6140, 129.1920, 59.5600



202.8640, 42.0860, 19.2220



90.1770, 43.4900, 114.9620



96.4380, 25.4900, 11.6180



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.



77.6140, 129.1920, 59.5600



80.2350, 140.7450, 64.9450



122.1000, 116.9140, 6.7220



111.8160, 6.5100, 3.1660



57.8660, 101.6390, 46.7830



17.6560, 30.8080, 14.3600

Inverse Universe

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



77.6140, 129.1920, 59.5600



80.2350, 140.7450, 64.9450



119.9000, -116.9140, -6.7220



111.8160, 6.5100, 3.1660



57.8660, 101.6390, 46.7830



17.6560, 30.8080, 14.3600

Previews

White Background



This preview shows how the YIQ color 77.6140, 129.1920, 59.5600 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 77.6140, 129.1920, 59.5600 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 77.6140, 129.1920, 59.5600

Background



This preview shows how black text looks on a background with the YIQ color 77.6140, 129.1920, 59.5600.



This preview shows how white text looks on a background with the YIQ color 77.6140, 129.1920,

59.5600.

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

77.6140, 129.1920, 59.5600

Protanopia

117.5200, 27.0540, -16.7380

Deuteranopia

112.3660, 59.2420, -27.3980



Tritanopia

83.1900, 135.4770, 39.2610

Trichromacy



Original Color

77.6140, 129.1920, 59.5600

Protanomaly

102.7290, 64.0950, 11.3190

Deuteranomaly

99.6370, 84.5450, 4.1370

Tritanomaly

81.1500, 132.9540, 46.4420

Monochromacy



Original Color

77.6140, 129.1920, 59.5600

Achromatopsia

78.0000, -0.0000, -0.0000

Achromatomaly

77.7830, 46.8080, 21.7520

CSS Examples

Text

The CSS property to change the color of the text to YIQ 77.6140, 129.1920, 59.5600 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(238, 4, 36)` looks like.

```
.text, #text, p{  
    color:rgb(238, 4, 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(238, 4, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 4, 36) }
```

Border

The CSS property to change the border of an element to YIQ 77.6140, 129.1920, 59.5600 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(238, 4, 36) }
```


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

```
.border{ border-color:rgb(238, 4, 36) }
```

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

Here you see how a box with a 4 pixel rgb(238, 4, 36) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 4, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 4, 36);  
box-shadow:4px 4px 4px 4px rgb(238, 4, 36)  
}
```

Background

The CSS property to change the background color of an element to YIQ 77.6140, 129.1920, 59.5600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 4, 36) }
```

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

```
.background{ background-color: rgb(238, 4,  
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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