

Converting Colors

YIQ(90.5250, 127.2240, 40.1520)

Have a look what the booklet for
YIQ(90.5250, 127.2240, 40.1520)
contains.

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Color

**YIQ(90.5250, 127.2240,
40.1520)**

Conversions

Conversions Part 1

Format	Color
Hex	ED1E12
RGB	237, 30, 18
RGB Percent	93%, 12%, 7%
CMY	0.0701, 0.8826, 0.9289
CMYK	0.00, 0.87, 0.92, 0.07
HSL	3°, 86%, 50%
HSV	3°, 92%, 93%
XYZ	35.5387, 18.9941, 2.3710
YIQ	90.5250, 127.2240, 40.1520

Conversions

Conversions Part 2

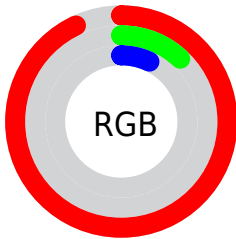
Format	Color
R_{YB}	237, 31, 18
Decimal	15539730
CIE Lab	50.68, 72.80, 59.12
CIE LCh	51, 93.777, 39.079
Yxy	18.9941, 0.6245, 0.3338
Android (android.graphics.Color)	4293729810 (0xFFED1E12)
YUV	90.5250, -35.7548, 128.4586
Hunter-Lab	43.5822, 69.2874, 27.2819

Details

The YIQ color **90.5250, 127.2240, 40.1520** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **164.4750, -127.2240, -40.1520**, and the grayscale version is **91.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **143.2840, 102.3770, 22.3850**, and **51.1290, 101.9160, 36.2520** is the 20% darker color. If you saturate the color by 10%, you get **78.4940, 137.6770, 43.4450**, and if you desaturate by 10%, it is **106.1750, 113.4700, 36.1100**.

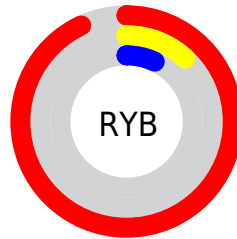
Distribution



Red (93%)

Green (12%)

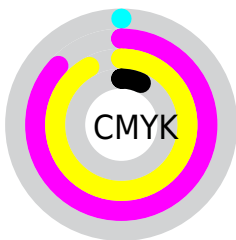
Blue (7%)



Red (93%)

Yellow (12%)

Blue (7%)

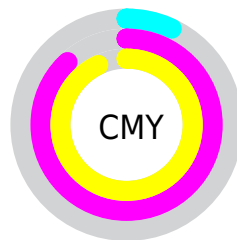


Cyan (0%)

Magenta (87%)

Yellow (92%)

Black (7%)



Cyan (7%)


Magenta (88%)


Yellow (93%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 90.5250, 127.2240, 40.1520 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 90.5250, 127.2240, 40.1520 by changing the saturation by 10% instead.


 90.5250, 127.2240,
40.1520

 90.5250, 127.2240,
40.1520


255.0000, -0.0000,
-0.0000


 60.9960, 121.5840,
43.2480


 143.2840,
102.3770, 22.3850


 51.1290, 101.9160,
36.2520


 163.7440, 86.1020,
14.4700


 41.2620, 82.2480,
29.2560


 184.3180, 69.5060,
6.8660

 31.8080, 62.8550,
22.7830

 205.0060, 52.5890,
-0.4270

 23.4790, 44.6080,
17.5680

 225.6940, 35.6720,
-7.7200


 13.5690, 26.4990,
9.8510


 246.3820, 18.7550,


 0.0000, 0.0000,


-15.0130


0.0000


 252.0360, 8.3460,
-8.0860

 90.5250, 127.2240,
40.1520


 90.5250, 127.2240,
40.1520


 78.4940, 137.6770,
43.4450

 106.1750,
113.4700, 36.1100

 122.4120, 99.4410,
31.5450

 137.9480, 86.0080,
27.1920

 154.1850, 71.9790,
22.6270

 169.8350, 58.2250,
18.5850

■ 185.9580, 44.5170,
13.7090

■ 201.6080, 30.7630,
9.6670

■ 217.2580, 17.0090,
5.6250

■ 233.4950, 2.9800,
1.0600

Harmonies

Analogous

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



87.4600, 118.9630, 85.2590



90.5250, 127.2240, 40.1520



112.2870, 87.9860, -8.6700

Triad

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



90.5250, 127.2240, 40.1520



94.0750, -59.5930, -59.8890



102.4450, -116.2300, 13.9300

Complementary

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



90.5250, 127.2240, 40.1520



164.4750, -127.2240, -40.1520

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.



114.1850, -121.7300, 3.4700



90.5250, 127.2240, 40.1520



105.6400, -88.0240, -34.7120

Square

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



90.5250, 127.2240, 40.1520



83.3540, -39.0500, -74.2660



114.4180, -112.7410, -10.7650



120.2340, -15.6920, 64.1480

Rectangle

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



90.5250, 127.2240, 40.1520



113.2300, 56.6290, -29.6030



114.4180, -112.7410, -10.7650



107.1410, -118.4300, 9.7460

Sweetspot

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



90.5250, 127.2240, 40.1520



206.9900, 41.4910, 13.4830



107.1930, 63.7560, 111.1160



98.3300, 25.6740, 8.2820



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.



90.5250, 127.2240, 40.1520



84.4630, 148.1300, 46.7380



154.5080, 97.2490, -16.8550



109.2890, 6.5560, 2.3320



59.9890, 105.1260, 33.1420



17.9070, 31.3590, 9.8790

Inverse Universe

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



164.4750, -127.2240, -40.1520



170.5370, -148.1300, -46.7380



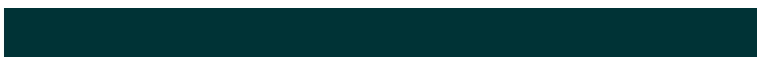
101.0790, -97.5240, 16.3320



113.7110, -6.5560, -2.3320



121.0110, -105.1260, -33.1420



36.0930, -31.3590, -9.8790

Previews

White Background



This preview shows how the YIQ color 90.5250, 127.2240, 40.1520 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 90.5250, 127.2240, 40.1520 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 90.5250, 127.2240, 40.1520

Background



This preview shows how black text looks on a background with the YIQ color 90.5250, 127.2240, 40.1520.



This preview shows how white text looks on a background with the YIQ color 90.5250, 127.2240,

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

90.5250, 127.2240, 40.1520

Protanopia

116.6100, 35.3080, -23.1560

Deuteranopia

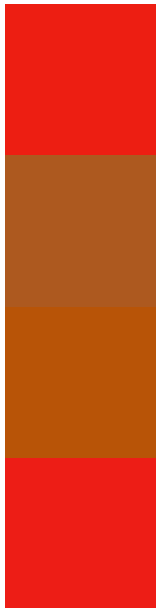
113.2520, 59.5630, -27.7090



Tritanopia

90.6220, 125.5730, 42.5410

Trichromacy



Original Color

90.5250, 127.2240, 40.1520

Protanomaly

107.5040, 68.6820, -0.2300

Deuteranomaly

105.1220, 84.3170, -2.7470

Tritanomaly

90.3940, 126.2150, 41.9190

Monochromacy



Original Color

90.5250, 127.2240, 40.1520

Achromatopsia

91.0000, -0.0000, -0.0000

Achromatomaly

90.9690, 45.9840, 14.6560

CSS Examples

Text

The CSS property to change the color of the text to YIQ 90.5250, 127.2240, 40.1520 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(237, 30, 18)` looks like.

```
.text, #text, p{  
    color:rgb(237, 30, 18)  
}
```

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(237, 30, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 30, 18) }
```

Border

The CSS property to change the border of an element to YIQ 90.5250, 127.2240, 40.1520 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(237, 30, 18) }
```


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

```
.border{ border-color:rgb(237, 30, 18) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 30, 18)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 30, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 30, 18);  
box-shadow:4px 4px 4px 4px rgb(237, 30,  
18) }
```

Background

The CSS property to change the background color of an element to YIQ 90.5250, 127.2240, 40.1520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 30, 18) }
```

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

```
.background{ background-color: rgb(237, 30,  
18) }
```

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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