

Converting Colors

YIQ(93.0740, 111.7760, 22.7520)

Have a look what the booklet for
YIQ(93.0740, 111.7760, 22.7520)
contains.

YIQ(93.0740, 111.7760, 22.7520)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(93.0740, 111.7760,
22.7520)**

Conversions

Conversions Part 1

Format	Color
Hex	D63008
RGB	214, 48, 8
RGB Percent	84%, 19%, 3%
CMY	0.1604, 0.8120, 0.9681
CMYK	0.00, 0.78, 0.96, 0.16
HSL	12°, 93%, 44%
HSV	12°, 96%, 84%
XYZ	28.8577, 16.4363, 1.8848
YIQ	93.0740, 111.7760, 22.7520

Conversions

Conversions Part 2

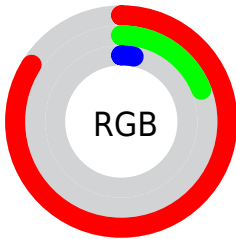
Format	Color
RYB	214, 58, 8
Decimal	14037000
CIELab	47.54, 62.17, 57.82
CIElCh	48, 84.899, 42.924
Yxy	16.4363, 0.6117, 0.3484
Android (android.graphics.Color)	4292227080 (0xFFD63008)
YUV	93.0740, -41.9415, 106.0521
Hunter-Lab	40.5418, 56.1086, 25.6229

Details

The YIQ color **93.0740, 111.7760, 22.7520** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **128.9260, -111.7760, -22.7520**, and the grayscale version is **93.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **146.7090, 102.3780, 16.8580**, and **44.5510, 88.8040, 31.5880** is the 20% darker color. If you saturate the color by 10%, you get **88.0530, 116.2690, 23.9250**, and if you desaturate by 10%, it is **105.5610, 100.0390, 20.7030**.

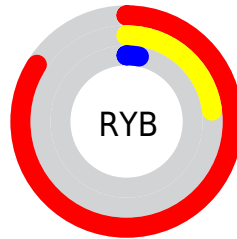
Distribution



Red (84%)

Green (19%)

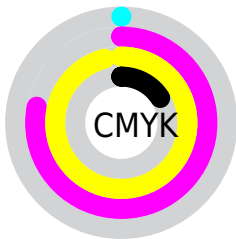
Blue (3%)



Red (84%)

Yellow (23%)

Blue (3%)

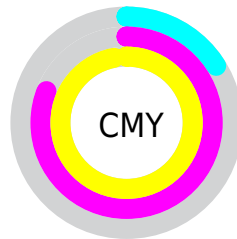


Cyan (0%)

Magenta (78%)

Yellow (96%)

Black (16%)



Cyan (16%)


Magenta (81%)


Yellow (97%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 93.0740, 111.7760, 22.7520 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 93.0740, 111.7760, 22.7520 by changing the saturation by 10% instead.


 93.0740, 111.7760,
22.7520


 93.0740, 111.7760,
22.7520


 254.5440, 1.2840,
-1.2440


 54.4180, 108.4720,
38.5840


 146.7090,
102.3780, 16.8580


 44.8500, 89.4000,
31.8000


 165.9950, 86.6530,
9.9890


 35.2820, 70.3280,
25.0160


 185.9820, 70.3320,
2.9080

 26.1270, 51.5310,
18.7550

 205.9690, 54.0110,
-4.1730

 17.8690, 34.5220,
13.1300

 226.0700, 37.3690,
-10.9430

 5.6810, 11.3240,
4.0280

 246.7580, 20.4520,

 0.0000, 0.0000,

-18.2360

0.0000

■ 251.2380, 10.5930,
-10.2630

■ 93.0740, 111.7760,
22.7520

■ 93.0740, 111.7760,
22.7520

■ 88.0530, 116.2690,
23.9250

■ 105.5610,
100.0390, 20.7030

■ 117.9340, 88.6230,
18.3430

■ 130.8940, 76.9320,
15.4600

■ 143.3810, 65.1950,
13.4110

■ 155.7540, 53.7790,
11.0510

■ 168.8280, 41.7670,
8.4790

■ 181.2010, 30.3510,
6.1190

■ 193.5740, 18.9350,
3.7590

■ 206.0610, 7.1980,
1.7100

Harmonies

Analogous

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



79.4710, 111.2620, 76.1420



93.0740, 111.7760, 22.7520



106.0080, 75.4700, -13.1220

Triad

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



93.0740, 111.7760, 22.7520



89.2310, -59.7320, -51.8600



94.8140, -112.6550, 20.7290

Complementary

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



93.0740, 111.7760, 22.7520



128.9260, -111.7760, -22.7520

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.



106.7990, -117.4670, 8.8130



93.0740, 111.7760, 22.7520



99.6560, -84.9530, -29.7930

Square

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



93.0740, 111.7760, 22.7520



78.0710, -36.5750, -69.5590



106.7070, -106.1850, -8.4330



113.2540, -1.2490, 61.2070

Rectangle

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



93.0740, 111.7760, 22.7520



105.7990, 47.5970, -31.1150



106.7070, -106.1850, -8.4330



100.0970, -115.1300, 16.0220

Sweetspot

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



93.0740, 111.7760, 22.7520



211.3440, 40.2540, 8.3660



88.7460, 68.8480, 95.9200



101.7380, 24.3450, 4.8330



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.



93.0740, 111.7760, 22.7520



105.0080, 138.5050, 28.4330



152.3610, 84.0010, -30.0710



100.4630, 6.0060, 1.2860



70.5000, 92.8410, 18.9930



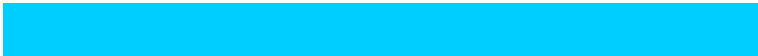
17.5530, 23.4280, 4.9320

Inverse Universe

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



128.9260, -111.7760, -22.7520



149.9920, -138.5050, -28.4330



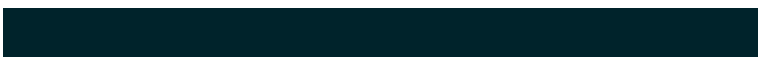
69.6390, -84.0010, 30.0710



102.5370, -6.0060, -1.2860



100.5000, -92.8410, -18.9930



25.4470, -23.4280, -4.9320

Previews

White Background



This preview shows how the YIQ color 93.0740, 111.7760, 22.7520 looks on a white 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

Black Background



This preview shows how the YIQ color 93.0740, 111.7760, 22.7520 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

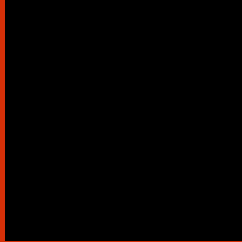
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 93.0740, 111.7760, 22.7520

Background



This preview shows how black text looks on a background with the YIQ color 93.0740, 111.7760, 22.7520.



This preview shows how white text looks on a background with the YIQ color 93.0740, 111.7760,

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

93.0740, 111.7760, 22.7520

Protanopia

108.2680, 36.2710, -24.0890

Deuteranopia

106.1530, 55.5280, -26.1680



Tritanopia

95.8300, 101.3200, 36.0400

Trichromacy



Original Color

93.0740, 111.7760, 22.7520

Protanomaly

102.6510, 63.5940, -7.1420

Deuteranomaly

101.3550, 76.1110, -8.2170

Tritanomaly

94.9350, 105.2180, 31.4740

Monochromacy



Original Color

93.0740, 111.7760, 22.7520

Achromatopsia

93.0000, -0.0000, -0.0000

Achromatomaly

93.2300, 40.5750, 8.0550

CSS Examples

Text

The CSS property to change the color of the text to YIQ 93.0740, 111.7760, 22.7520 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(214, 48, 8)` looks like.

```
.text, #text, p{  
    color:rgb(214, 48, 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(214, 48, 8) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 48, 8) }
```

Border

The CSS property to change the border of an element to YIQ 93.0740, 111.7760, 22.7520 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(214, 48, 8) }
```


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

```
.border{ border-color:rgb(214, 48, 8) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 48, 8)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 48, 8); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 48, 8);  
box-shadow:4px 4px 4px 4px rgb(214, 48, 8)  
}
```

Background

The CSS property to change the background color of an element to YIQ 93.0740, 111.7760, 22.7520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 48, 8) }
```

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

```
.background{ background-color: rgb(214, 48,  
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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