

Converting Colors

YIQ(112.9860, 92.0130, 34.0050)

Have a look what the booklet for
YIQ(112.9860, 92.0130, 34.0050)
contains.

YIQ(112.9860, 92.0130, 34.0050)	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(112.9860, 92.0130,
34.0050)**

Conversions

Conversions Part 1

Format	Color
Hex	DE4245
RGB	222, 66, 69
RGB Percent	87%, 26%, 27%
CMY	0.1290, 0.7414, 0.7290
CMYK	0.00, 0.70, 0.69, 0.13
HSL	359°, 70%, 56%
HSV	359°, 70%, 87%
XYZ	33.1748, 19.8642, 7.7310
YIQ	112.9860, 92.0130, 34.0050

Conversions

Conversions Part 2

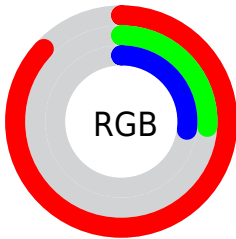
Format	Color
RYB	222, 66, 69
Decimal	14565957
CIELab	51.68, 60.30, 33.88
CIELCh	52, 69.167, 29.327
Yxy	19.8642, 0.5459, 0.3269
Android (android.graphics.Color)	4292756037 (0xFFDE4245)
YUV	112.9860, -21.6851, 95.6053
Hunter-Lab	44.5693, 54.8688, 20.9141

Details

The YIQ color **112.9860, 92.0130, 34.0050** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **175.0140, -92.0130, -34.0050**, and the grayscale version is **113.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **161.7840, 80.5980, 26.1180**, and **50.3910, 86.7390, 41.4830** is the 20% darker color. If you saturate the color by 10%, you get **97.5640, 105.1250, 38.6690**, and if you desaturate by 10%, it is **128.4080, 78.9010, 29.3410**.

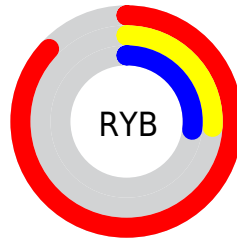
Distribution



Red (87%)

Green (26%)

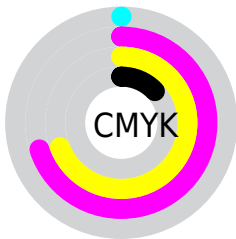
Blue (27%)



Red (87%)

Yellow (26%)

Blue (27%)

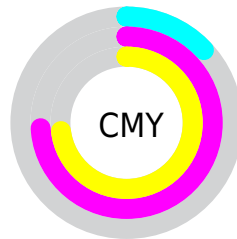


Cyan (0%)

Magenta (70%)

Yellow (69%)

Black (13%)



Cyan (13%)


Magenta (74%)

Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 112.9860, 92.0130, 34.0050 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 112.9860, 92.0130, 34.0050 by changing the saturation by 10% instead.


 112.9860, 92.0130,
34.0050


 112.9860, 92.0130,
34.0050


255.0000, -0.0000,
-0.0000


 81.8380, 89.6740,
37.8500


 161.8980, 80.2770,
26.4290


 50.5050, 86.4180,
41.7940


 181.7710, 64.2770,
19.0370


 38.6850, 76.5630,
27.6590


 201.2850, 47.9100,
12.7900

 29.3020, 58.4080,
20.7760

 221.3860, 31.2680,
6.0200

 20.8590, 40.4820,
15.2500

 242.1880, 14.0300,
-0.9620

 11.4760, 22.3270,
8.3670

254.8860, 0.3210,

 0.0000, 0.0000,

-0.3110

0.0000

■ 112.9860, 92.0130,
34.0050

■ 112.9860, 92.0130,
34.0050

■ 97.5640, 105.1250,
38.6690

■ 128.4080, 78.9010,
29.3410

■ 82.2560, 117.9160,
43.6440

■ 143.8300, 65.7890,
24.6770

■ 66.8340, 131.0280,
48.3080

■ 159.7250, 52.7230,
19.1790

■ 175.1470, 39.6110,
14.5150

■ 190.5690, 26.4990,
9.8510

■ 205.9910, 13.3870,
5.1870

■ 221.2990, 0.5960,
0.2120

■ 237.3080,
-12.7910, -4.9750

■ 245.1330,
-19.6680, -6.9960

Harmonies

Analogous

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



112.5650, 78.1620, 59.2660



112.9860, 92.0130, 34.0050



115.1130, 88.5360, -7.6240

Triad

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



112.9860, 92.0130, 34.0050



91.7270, -58.4930, -57.7970



104.5990, -114.0280, 7.0600

Complementary

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



112.9860, 92.0130, 34.0050



175.0140, -92.0130, -34.0050

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.



110.1780, -111.8250, -5.3370



112.9860, 92.0130, 34.0050



101.1430, -79.4950, -40.6070

Square

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



112.9860, 92.0130, 34.0050



107.0410, 16.8360, -51.8360



107.9830, -98.7550, -21.9470



123.3600, -34.6230, 38.2810

Rectangle

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



112.9860, 92.0130, 34.0050



115.9650, 67.8610, -23.9070



107.9830, -98.7550, -21.9470



107.7790, -114.7150, 2.9890

Sweetspot

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



112.9860, 92.0130, 34.0050



217.3740, 31.5420, 12.0700



128.9330, 39.9200, 80.5280



105.5680, 19.0720, 6.7840



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.



112.9860, 92.0130, 34.0050



105.4420, 126.2600, 46.6120



155.4950, 72.9010, -5.1070



104.2890, 6.5560, 2.3320



53.0800, 103.6120, 38.5560



14.4660, 28.2870, 10.4870

Inverse Universe

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



112.9860, 92.0130, 34.0050



105.4420, 126.2600, 46.6120



132.5050, -72.9010, 5.1070



104.2890, 6.5560, 2.3320



53.0800, 103.6120, 38.5560



14.4660, 28.2870, 10.4870

Previews

White Background



This preview shows how the YIQ color 112.9860, 92.0130, 34.0050 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 112.9860, 92.0130, 34.0050 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 112.9860, 92.0130, 34.0050

Background



This preview shows how black text looks on a background with the YIQ color 112.9860, 92.0130, 34.0050.



This preview shows how white text looks on a background with the YIQ color 112.9860, 92.0130,

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

112.9860, 92.0130, 34.0050

Protanopia

122.8150, 16.2780, -8.6660

Deuteranopia

121.5540, 38.8820, -10.8300



Tritanopia

112.9860, 92.0130, 34.0050

Trichromacy



Original Color

112.9860, 92.0130, 34.0050

Protanomaly

119.1440, 43.6930, 6.6130

Deuteranomaly

118.2180, 58.0440, 5.3400

Tritanomaly

112.9860, 92.0130, 34.0050

Monochromacy



Original Color

112.9860, 92.0130, 34.0050

Achromatopsia

113.0000, -0.0000, 0.0000

Achromatomaly

113.1570, 33.6510, 12.3950

CSS Examples

Text

The CSS property to change the color of the text to YIQ 112.9860, 92.0130, 34.0050 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(222, 66, 69)` looks like.

```
.text, #text, p{  
    color:rgb(222, 66, 69)  
}
```

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(222, 66, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 66, 69) }
```

Border

The CSS property to change the border of an element to YIQ 112.9860, 92.0130, 34.0050 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(222, 66, 69) }
```


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

```
.border{ border-color:rgb(222, 66, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 66, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 66, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 66, 69);  
box-shadow:4px 4px 4px 4px rgb(222, 66,  
69) }
```

Background

The CSS property to change the background color of an element to YIQ 112.9860, 92.0130, 34.0050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 66, 69) }
```

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

```
.background{ background-color: rgb(222, 66,  
69) }
```

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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