

Converting Colors

YIQ(93.0690, 103.2860, 66.5020)

Have a look what the booklet for
YIQ(93.0690, 103.2860, 66.5020)
contains.

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Color

**YIQ(93.0690, 103.2860,
66.5020)**

Conversions

Conversions Part 1

Format	Color
Hex	E9165C
RGB	233, 22, 92
RGB Percent	91%, 9%, 36%
CMY	0.0857, 0.9139, 0.6389
CMYK	0.00, 0.91, 0.60, 0.09
HSL	340°, 83%, 50%
HSV	340°, 91%, 91%
XYZ	35.8707, 18.6918, 11.8633
YIQ	93.0690, 103.2860, 66.5020

Conversions

Conversions Part 2

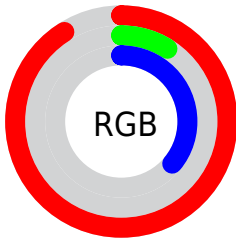
Format	Color
R_{YB}	233, 22, 92
Decimal	15275612
CIE Lab	50.32, 75.45, 18.83
CIE LCh	50, 77.762, 14.013
Yxy	18.6918, 0.5400, 0.2814
Android (android.graphics.Color)	4293465692 (0xFFE9165C)
YUV	93.0690, -0.5270, 122.7195
Hunter-Lab	43.2340, 72.4395, 13.9948

Details

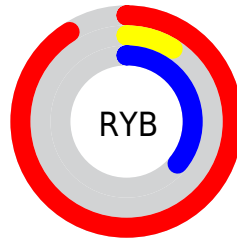
The YIQ color **93.0690, 103.2860, 66.5020** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed red. A complement of this color would be **161.9310, -103.2860, -66.5020**, and the grayscale version is **93.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **150.5460, 79.1730, 46.4450**, and **55.8890, 85.6370, 50.4450** is the 20% darker color. If you saturate the color by 10%, you get **78.4450, 114.1510, 73.3430**, and if you desaturate by 10%, it is **108.3940, 91.8250, 59.4490**.

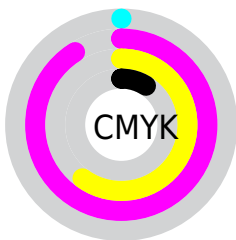
Distribution



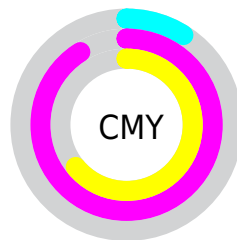
- Red (91%)
- Green (9%)
- Blue (36%)



- Red (91%)
- Yellow (9%)
- Blue (36%)



- Cyan (0%)
- Magenta (91%)
- Yellow (60%)
- Black (9%)





- Cyan (9%)
- Magenta (91%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 93.0690, 103.2860, 66.5020 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 93.0690, 103.2860, 66.5020 by changing the saturation by 10% instead.


 93.0690, 103.2860,
66.5020


 93.0690, 103.2860,
66.5020


255.0000, -0.0000,
-0.0000


 67.9650, 97.6470,
64.0710


 150.5460, 79.1730,
46.4450


 56.1880, 86.2330,
50.6570


 171.7070, 62.3020,
38.3180


 44.3400, 73.5810,
37.6530


 192.3950, 45.3850,
31.0250

 32.2210, 63.1300,
23.3060

 212.6100, 28.4220,
24.5660

 23.7780, 45.2040,
17.7800

 233.5260, 10.8630,
17.8950

 13.6830, 26.1780,
10.1620

 252.0650, 1.3750,

 0.0000, 0.0000,

2.6150

0.0000

■ 93.0690, 103.2860,
66.5020

■ 93.0690, 103.2860,
66.5020

■ 78.4450, 114.1510,
73.3430

■ 108.3940, 91.8250,
59.4490


■ 124.1920, 80.4100,
51.5620


■ 139.5170, 68.9490,
44.5090


■ 154.7280, 57.8090,
37.1450

■ 170.6400, 46.0730,
29.5690

■ 185.9650, 34.6120,
22.5160

 201.1760, 23.4720,
15.1520

 216.5010, 12.0110,
8.0990

 232.2990, 0.5960,
0.2120

Harmonies

Analogous

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



105.5000, 68.7600, 75.4800



93.0690, 103.2860, 66.5020



107.1650, 101.0940, 18.1020

Triad

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



93.0690, 103.2860, 66.5020



86.9750, -27.4970, -68.8810



109.2780, -117.5580, 4.9540

Complementary

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



93.0690, 103.2860, 66.5020



161.9310, -103.2860, -66.5020

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.



109.7560, -107.8810, -10.7370



93.0690, 103.2860, 66.5020



94.9360, -66.1510, -51.1670

Square

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



93.0690, 103.2860, 66.5020



109.5320, 34.8070, -41.6170



103.9760, -88.8500, -30.7540



97.7660, -112.7000, 16.0360

Rectangle

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



93.0690, 103.2860, 66.5020



111.4010, 87.6650, -8.3590



103.9760, -88.8500, -30.7540



110.1270, -115.8150, 0.8970

Sweetspot

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



93.0690, 103.2860, 66.5020



209.2530, 33.7410, 21.7810



88.2130, 16.3050, 95.5130



100.7410, 20.2630, 12.7350



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.



93.0690, 103.2860, 66.5020



85.9350, 124.6950, 80.4950



105.6340, 116.1310, 26.4270



109.6310, 5.5930, 3.2650



60.9590, 88.6160, 57.0320



18.1980, 26.4060, 17.0460

Inverse Universe

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



93.0690, 103.2860, 66.5020



85.9350, 124.6950, 80.4950



149.3660, -116.1310, -26.4270



109.6310, 5.5930, 3.2650



60.9590, 88.6160, 57.0320



18.1980, 26.4060, 17.0460

Previews

White Background



This preview shows how the YIQ color 93.0690, 103.2860, 66.5020 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



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 93.0690, 103.2860, 66.5020

Background



This preview shows how black text looks on a background with the YIQ color 93.0690, 103.2860, 66.5020.

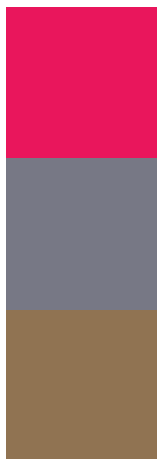


This preview shows how white text looks on a background with the YIQ color 93.0690, 103.2860,

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

93.0690, 103.2860, 66.5020

Protanopia

121.1830, -4.7690, 3.8310

Deuteranopia

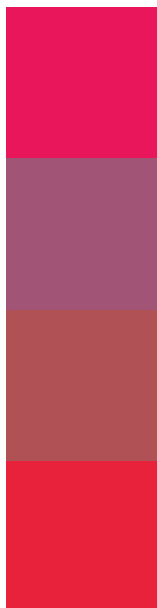
119.9090, 27.8770, -4.1150



Tritanopia

97.6960, 113.5610, 39.9690

Trichromacy



Original Color

93.0690, 103.2860, 66.5020

Protanomaly

110.8990, 34.9780, 26.8980

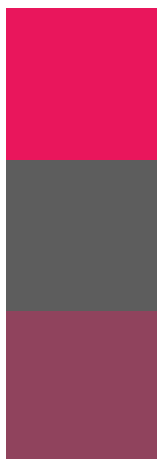
Deuteranomaly

109.9750, 55.0150, 21.6950

Tritanomaly

96.0520, 109.9830, 49.7510

Monochromacy



Original Color

93.0690, 103.2860, 66.5020

Achromatopsia

93.0000, -0.0000, -0.0000

Achromatomaly

92.9870, 37.5460, 24.4100

CSS Examples

Text

The CSS property to change the color of the text to YIQ 93.0690, 103.2860, 66.5020 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(233, 22, 92)` looks like.

```
.text, #text, p{  
    color:rgb(233, 22, 92)  
}
```

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(233, 22, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 22, 92) }
```

Border

The CSS property to change the border of an element to YIQ 93.0690, 103.2860, 66.5020 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(233, 22, 92) }
```


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

```
.border{ border-color:rgb(233, 22, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 22, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 22, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 22, 92);  
box-shadow:4px 4px 4px 4px rgb(233, 22,  
92) }
```

Background

The CSS property to change the background color of an element to YIQ 93.0690, 103.2860, 66.5020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 22, 92) }
```

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

```
.background{ background-color: rgb(233, 22,  
92) }
```

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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