

Converting Colors

YIQ(91.7150, 50.6560, 40.1280)

Have a look what the booklet for
YIQ(91.7150, 50.6560, 40.1280)
contains.

YIQ(91.7150, 50.6560, 40.1280)	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(91.7150, 50.6560,
40.1280)**

Conversions

Conversions Part 1

Format	Color
Hex	A53468
RGB	165, 52, 104
RGB Percent	65%, 20%, 41%
CMY	0.3526, 0.7962, 0.5920
CMYK	0.00, 0.69, 0.37, 0.35
HSL	332°, 52%, 43%
HSV	332°, 69%, 65%
XYZ	19.2597, 11.4596, 14.3045
YIQ	91.7150, 50.6560, 40.1280

Conversions

Conversions Part 2

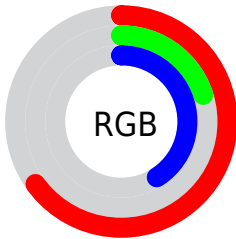
Format	Color
RYB	165, 52, 104
Decimal	10826856
CIELab	40.34, 50.82, -4.53
CIELCh	40, 51.018, 354.909
Yxy	11.4596, 0.4278, 0.2545
Android (android.graphics.Color)	4289016936 (0xFFA53468)
YUV	91.7150, 6.0565, 64.2709
Hunter-Lab	33.8521, 42.3140, -1.3570

Details

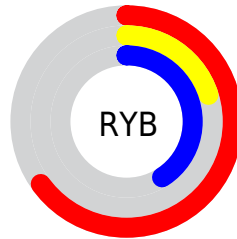
The YIQ color **91.7150, 50.6560, 40.1280** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **125.2850, -50.6560, -40.1280**, and the grayscale version is **92.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **146.5690, 54.0030, 40.0430**, and **39.0890, 46.6670, 40.8350** is the 20% darker color. If you saturate the color by 10%, you get **80.7100, 58.2200, 46.2200**, and if you desaturate by 10%, it is **102.1330, 43.3670, 34.5590**.

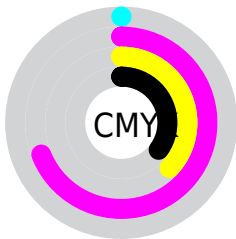
Distribution



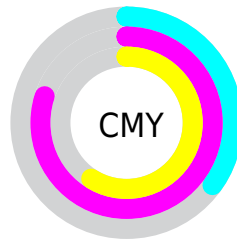
- Red (65%)
- Green (20%)
- Blue (41%)



- Red (65%)
- Yellow (20%)
- Blue (41%)



- Cyan (0%)
- Magenta (69%)
- Yellow (37%)
- Black (35%)



- Cyan (35%)
- Magenta (80%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 91.7150, 50.6560, 40.1280 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 91.7150, 50.6560, 40.1280 by changing the saturation by 10% instead.

■ 91.7150, 50.6560,
40.1280

■ 91.7150, 50.6560,
40.1280

■ 255.0000, -0.0000,
-0.0000

■ 61.8230, 50.4720,
43.4640

■ 146.5690, 54.0030,
40.0430

■ 39.0890, 46.6670,
40.8350

■ 174.4660, 55.7910,
40.6790

■ 28.3230, 36.7200,
28.3680

■ 194.5780, 40.6160,
34.8560

■ 18.6390, 29.4780,
16.4380

■ 214.3200, 23.6070,
29.2310

■ 6.2790, 12.5160,
4.4520

■ 233.2810, 10.1750,
19.3510

■ 0.0000, 0.0000,
0.0000

■ 250.3040, 2.2000,

4.1840

■ 91.7150, 50.6560,
40.1280

■ 91.7150, 50.6560,
40.1280

■ 80.7100, 58.2200,
46.2200

■ 102.1330, 43.3670,
34.5590

■ 70.2920, 65.5090,
51.7890

■ 113.1380, 35.8030,
28.4670

■ 59.2870, 73.0730,
57.8810

■ 123.5560, 28.5140,
22.8980

■ 57.9990, 73.9440,
58.6160

■ 134.5610, 20.9500,
16.8060

■ 144.9790, 13.6610,
11.2370

■ 155.8700, 6.4180,
4.8340

■ 166.8750, -1.1460,
-1.2580

■ 177.2930, -8.4350,
-6.8270

■ 188.2980,
-15.9990, -12.9190

Harmonies

Analogous

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



97.0070, 17.5990, 38.9990



91.7150, 50.6560, 40.1280



90.2860, 64.5050, 25.9210

Triad

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



91.7150, 50.6560, 40.1280



84.7940, 19.6300, -36.3860



83.7390, -82.8480, -7.3600

Complementary

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



91.7150, 50.6560, 40.1280



125.2850, -50.6560, -40.1280

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.



81.6240, -72.7590, -19.5030



91.7150, 50.6560, 40.1280



72.5760, -38.4140, -41.7260

Square

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



91.7150, 50.6560, 40.1280



89.5960, 47.0910, -21.9410



76.7220, -58.9560, -32.8760



80.2800, -85.5090, 2.3230

Rectangle

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



91.7150, 50.6560, 40.1280



90.7890, 63.8660, 9.9620



76.7220, -58.9560, -32.8760



83.1860, -79.9130, -10.9930

Sweetspot

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



91.7150, 50.6560, 40.1280



184.8490, 20.0790, 16.0710



82.8220, -0.5130, 47.8630



89.5550, 11.9190, 9.7670



235.0000, 0.0000, -0.0000



107.0000, -0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



91.7150, 50.6560, 40.1280



100.4450, 78.6200, 61.9800



88.1350, 66.2480, 21.8640



76.1470, 4.0800, 3.1520



50.9930, 64.9130, 51.5770



6.2940, 8.1600, 6.3040

Inverse Universe

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



91.7150, 50.6560, 40.1280



100.4450, 78.6200, 61.9800



128.8650, -66.2480, -21.8640



76.1470, 4.0800, 3.1520



50.9930, 64.9130, 51.5770



6.2940, 8.1600, 6.3040

Previews

White Background



This preview shows how the YIQ color 91.7150, 50.6560, 40.1280 looks on a white background.

Color Contrast Check

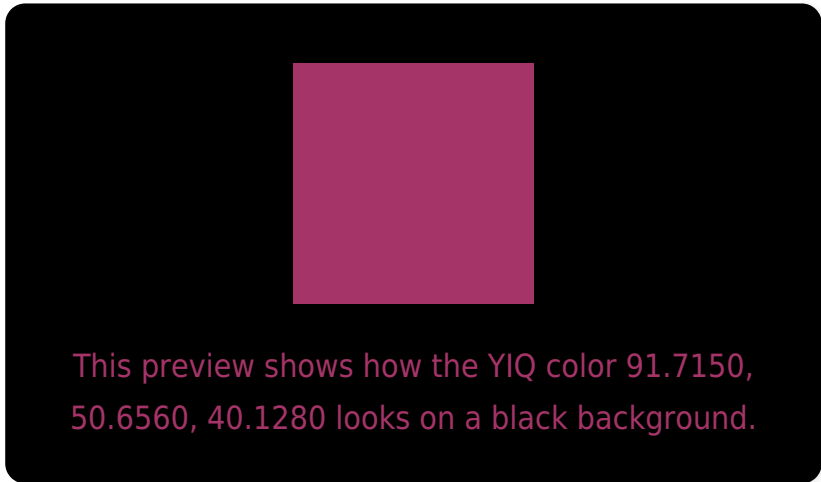
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

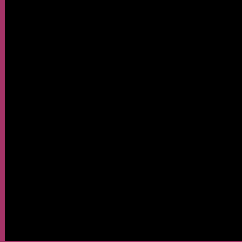
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 91.7150, 50.6560, 40.1280

Background



This preview shows how black text looks on a background with the YIQ color 91.7150, 50.6560, 40.1280.



This preview shows how white text looks on a background with the YIQ color 91.7150, 50.6560,

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

91.7150, 50.6560, 40.1280

Protanopia

96.2280, -17.8370, 9.3870

Deuteranopia

96.8590, 4.9510, 3.8870



Tritanopia

91.6550, 58.9120, 22.6560

Trichromacy



Original Color

91.7150, 50.6560, 40.1280

Protanomaly

94.3670, 7.0570, 20.7930

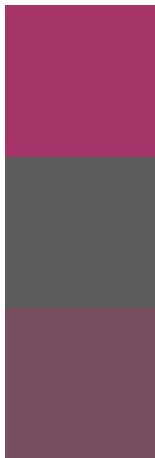
Deuteranomaly

94.8600, 21.5460, 17.0180

Tritanomaly

91.7890, 55.8390, 28.7910

Monochromacy



Original Color

91.7150, 50.6560, 40.1280

Achromatopsia

92.0000, 0.0000, -0.0000

Achromatomaly

91.7240, 18.9330, 14.8130

CSS Examples

Text

The CSS property to change the color of the text to YIQ 91.7150, 50.6560, 40.1280 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(165, 52, 104)` looks like.

```
.text, #text, p{  
    color:rgb(165, 52, 104)  
}
```

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(165, 52, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 52, 104) }
```

Border

The CSS property to change the border of an element to YIQ 91.7150, 50.6560, 40.1280 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(165, 52, 104) }
```


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

```
.border{ border-color:rgb(165, 52, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 52, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 52, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 52, 104);  
box-shadow:4px 4px 4px 4px rgb(165, 52,  
104) }
```

Background

The CSS property to change the background color of an element to YIQ 91.7150, 50.6560, 40.1280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 52, 104) }
```

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

```
.background{ background-color: rgb(165, 52,  
104) }
```

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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