

Converting Colors

YIQ(78.4080, 45.6520, 75.7640)

Have a look what the booklet for
YIQ(78.4080, 45.6520, 75.7640)
contains.

YIQ(78.4080, 45.6520, 75.7640)	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(78.4080, 45.6520,
75.7640)**

Conversions

Conversions Part 1

Format	Color
Hex	A9119D
RGB	169, 17, 157
RGB Percent	66%, 7%, 62%
CMY	0.3368, 0.9335, 0.3842
CMYK	0.00, 0.90, 0.07, 0.34
HSL	305°, 82%, 36%
HSV	305°, 90%, 66%
XYZ	22.6736, 11.2816, 32.8891
YIQ	78.4080, 45.6520, 75.7640

Conversions

Conversions Part 2

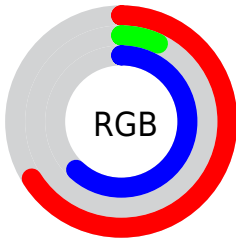
Format	Color
R_{YB}	169, 17, 157
Decimal	11080093
CIE _{Lab}	40.05, 68.50, -37.55
CIE _{LCh}	40, 78.118, 331.267
Yxy	11.2816, 0.3392, 0.1688
Android (android.graphics.Color)	4289270173 (0xFFA9119D)
YUV	78.4080, 38.7459, 79.4492
Hunter-Lab	33.5880, 61.7173, -34.5446

Details

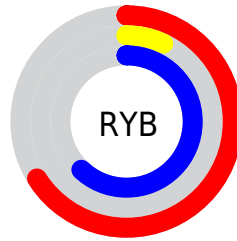
The YIQ color **78.4080, 45.6520, 75.7640** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **107.5920, -45.6520, -75.7640**, and the grayscale version is **78.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **143.9960, 43.6360, 68.2440**, and **45.4580, 33.0470, 56.3990** is the 20% darker color. If you saturate the color by 10%, you get **68.3150, 50.6480, 84.3440**, and if you desaturate by 10%, it is **88.5010, 40.6560, 67.1840**.

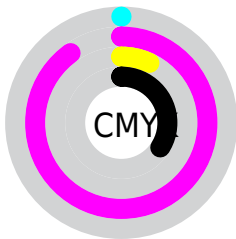
Distribution



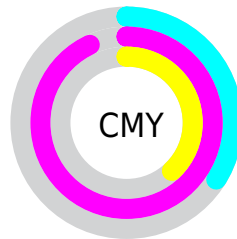
- Red (66%)
- Green (7%)
- Blue (62%)



- Red (66%)
- Yellow (7%)
- Blue (62%)



- Cyan (0%)
- Magenta (90%)
- Yellow (7%)
- Black (34%)





- Cyan (34%)
- Magenta (93%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 78.4080, 45.6520, 75.7640 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 78.4080, 45.6520, 75.7640 by changing the saturation by 10% instead.


 78.4080, 45.6520,
75.7640


 78.4080, 45.6520,
75.7640


255.0000, -0.0000,
-0.0000


 56.7940, 41.3890,
70.4210


 143.9960, 43.6360,
68.2440


 45.4580, 33.0470,
56.3990

 172.3980, 42.4440,
67.8200


 34.5350, 24.9800,
42.9000


 190.4300, 30.2500,
57.5300

 24.4380, 17.4630,
30.4470

 207.4530, 22.2750,
42.3630

 12.8460, 6.9660,
16.9340

 224.4760, 14.3000,
27.1960

 0.9120, -2.5680,
2.4880

 242.0860, 6.0500,

 0.0000, 0.0000,

11.5060

0.0000

■ 78.4080, 45.6520,
75.7640

■ 78.4080, 45.6520,
75.7640

■ 68.3150, 50.6480,
84.3440

■ 88.5010, 40.6560,
67.1840

■ 98.7080, 35.3390,
58.9150

■ 108.8010, 30.3430,
50.3350

■ 118.8940, 25.3470,
41.7550

■ 129.1010, 20.0300,
33.4860

■ 138.6070, 15.3090,
25.4290

■ 148.7000, 10.3130,
16.8490

■ 158.9070, 4.9960,
8.5800

■ 169.0000, -0.0000,
-0.0000

Harmonies

Analogous

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



92.0270, -37.8790, 42.2250



78.4080, 45.6520, 75.7640



70.3310, 88.1090, 71.7330

Triad

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



78.4080, 45.6520, 75.7640



88.3780, 41.7730, -24.6830



88.6800, -84.3600, -13.0000

Complementary

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



78.4080, 45.6520, 75.7640



107.5920, -45.6520, -75.7640

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.



80.7970, -63.5410, -32.3810



78.4080, 45.6520, 75.7640



77.4380, -3.1550, -47.4670

Square

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



78.4080, 45.6520, 75.7640



86.0060, 78.9520, 0.8720



70.8280, -39.6040, -53.2040



91.8040, -98.6680, 4.0200

Rectangle

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



78.4080, 45.6520, 75.7640



65.5430, 101.5910, 58.6710



70.8280, -39.6040, -53.2040



86.2860, -77.6190, -19.5310

Sweetspot

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



78.4080, 45.6520, 75.7640



183.9110, 17.5090, 29.6130



37.3180, -42.8320, 49.3920



89.1130, 10.5880, 17.3720



237.0000, -0.0000, -0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



78.4080, 45.6520, 75.7640



88.5090, 65.6820, 109.2500



69.9720, 69.4060, 52.7500



79.1900, 2.5210, 3.8730



59.7560, 44.5520, 73.6720



8.1460, 5.8210, 10.1490

Inverse Universe

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



78.4080, 45.6520, 75.7640



88.5090, 65.6820, 109.2500



116.0280, -69.4060, -52.7500



79.1900, 2.5210, 3.8730



59.7560, 44.5520, 73.6720



8.1460, 5.8210, 10.1490

Previews

White Background



This preview shows how the YIQ color 78.4080, 45.6520, 75.7640 looks on a white background.

Color Contrast Check

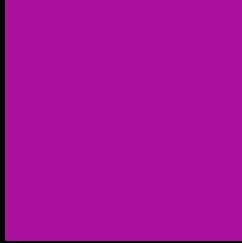
Large Text (above 18pt) WCAG AA ✓ Pass

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 78.4080, 45.6520, 75.7640 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

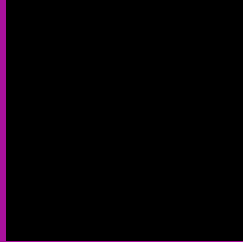
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 78.4080, 45.6520, 75.7640

Background



This preview shows how black text looks on a background with the YIQ color 78.4080, 45.6520, 75.7640.



This preview shows how white text looks on a background with the YIQ color 78.4080, 45.6520,

75.7640.

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

78.4080, 45.6520, 75.7640

Protanopia

76.9350, -88.4910, 12.3170

Deuteranopia

94.1540, -32.1880, 10.6600



Tritanopia

92.4590, 56.5280, 21.8080

Trichromacy



Original Color

78.4080, 45.6520, 75.7640



Protanomaly

77.1420, -39.9410, 35.5390



Deuteranomaly

88.2370, -3.7200, 34.3920



Tritanomaly

87.1390, 52.3980, 41.5980

Monochromacy



Original Color

78.4080, 45.6520, 75.7640



Achromatopsia

78.0000, -0.0000, -0.0000



Achromatomaly

78.2590, 16.4090, 27.5210

CSS Examples

Text

The CSS property to change the color of the text to YIQ 78.4080, 45.6520, 75.7640 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(169, 17, 157)` looks like.

```
.text, #text, p{  
    color:rgb(169, 17, 157)  
}
```

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(169, 17, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 17, 157) }
```

Border

The CSS property to change the border of an element to YIQ 78.4080, 45.6520, 75.7640 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(169, 17, 157) }
```


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

```
.border{ border-color:rgb(169, 17, 157) }
```

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

Here you see how a box with a 4 pixel rgb(169, 17, 157) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 17, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 17, 157);  
box-shadow:4px 4px 4px 4px rgb(169, 17,  
157) }
```

Background

The CSS property to change the background color of an element to YIQ 78.4080, 45.6520, 75.7640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 17, 157) }
```

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

```
.background{ background-color: rgb(169, 17,  
157) }
```

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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