

Converting Colors

YIQ(125.6040, 49.1770,
105.5050)

Have a look what the booklet for
YIQ(125.6040, 49.1770, 105.5050)
contains.

YIQ(125.6040, 49.1770, 105.5050)	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(125.6040, 49.1770,
105.5050)**

Conversions

Conversions Part 1

Format	Color
Hex	EE2CFB
RGB	238, 44, 251
RGB Percent	93%, 17%, 98%
CMY	0.0661, 0.8277, 0.0156
CMYK	0.05, 0.82, 0.00, 0.02
HSL	296°, 96%, 58%
HSV	296°, 82%, 98%
XYZ	53.6221, 26.9641, 93.6525
YIQ	125.6040, 49.1770, 105.5050

Conversions

Conversions Part 2

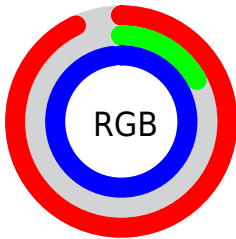
Format	Color
R _Y B	238, 44, 251
Decimal	15609083
CIE Lab	58.94, 90.13, -60.99
CIE LCh	59, 108.825, 325.911
Yxy	26.9641, 0.3078, 0.1548
Android (android.graphics.Color)	4293799163 (0xFFEE2CFB)
YUV	125.6040, 61.8202, 98.5713
Hunter-Lab	51.9270, 93.4547, -70.5831

Details

The YIQ color $125.6040, 49.1770, 105.5050$ is a light color, and the websafe version is hex $FF33FF$. The color can be described as light washed magenta. A complement of this color would be $169.3960, -49.1770, -105.5050$, and the grayscale version is $125.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $173.4070, 38.2250, 72.6970$, and $74.9250, 43.5390, 97.5470$ is the 20% darker color. If you saturate the color by 10%, you get $110.6300, 55.4560, 118.3680$, and if you desaturate by 10%, it is $140.8770, 43.4940, 92.8540$.

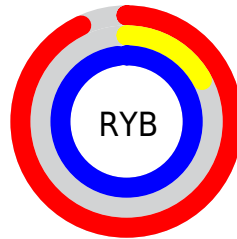
Distribution



Red (93%)

Green (17%)

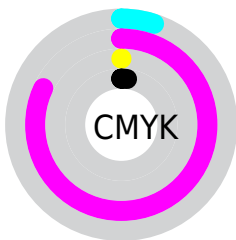
Blue (98%)



Red (93%)

Yellow (17%)

Blue (98%)

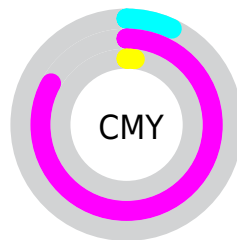


Cyan (5%)

Magenta (82%)

Yellow (0%)

Black (2%)



Cyan (7%)


Magenta (83%)


Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 125.6040, 49.1770, 105.5050 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 125.6040, 49.1770, 105.5050 by changing the saturation by 10% instead.


 125.6040, 49.1770,
105.5050


 125.6040, 49.1770,
105.5050

255.0000, -0.0000,
-0.0000


 87.5000, 52.7060,
113.1380


 173.4070, 38.2250,
72.6970


 74.9250, 43.5390,
97.5470


 191.6040, 29.7000,
56.4840


 62.8770, 34.3260,
82.7900


 209.8010, 21.1750,
40.2710

 51.1280, 25.7090,
68.2450

 227.4110, 12.9250,
24.5810

 39.0800, 16.4960,
53.4880

 245.6080, 4.4000,
8.3680

 28.1570, 8.4290,
39.9890

 15.4400, -3.2140,

25.2180

■ 6.2070, -13.3440,
10.5600

■ 2.5250, -5.7320,
4.7640

■ 125.6040, 49.1770,
105.5050

■ 125.6040, 49.1770,
105.5050

■ 110.6300, 55.4560,
118.3680

■ 140.8770, 43.4940,
92.8540

■ 98.8790, 59.4890,
127.8810

■ 155.8510, 37.2150,
79.9910

■ 171.1240, 31.5320,
67.3400

■ 186.0980, 25.2530,
54.4770

201.3710, 19.5700,
41.8260

217.2310, 13.6120,
28.6520

232.2050, 7.3330,
15.7890

247.4780, 1.6500,
3.1380

253.6470, -0.5040,
-1.8800

Harmonies

Analogous

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



119.2110, -79.9200, 27.6960



125.6040, 49.1770, 105.5050



94.3710, 100.9410, 103.5090

Triad

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



125.6040, 49.1770, 105.5050



133.6740, 72.8140, -31.0740



130.6090, -121.1290, -23.9530

Complementary

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



125.6040, 49.1770, 105.5050



169.3960, -49.1770, -105.5050

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.



118.8500, -89.3960, -53.9080



125.6040, 49.1770, 105.5050



120.5310, 9.0440, -64.8120

Square

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



125.6040, 49.1770, 105.5050



124.6560, 127.0920, 9.4920



100.9640, -47.3000, -89.9560



132.3820, -130.2550, -12.7430

Rectangle

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



125.6040, 49.1770, 105.5050



87.3030, 120.8430, 84.2270



100.9640, -47.3000, -89.9560



126.9610, -110.8570, -33.9050

Sweetspot

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



125.6040, 49.1770, 105.5050



216.2360, 15.2160, 32.6240



75.8160, -70.2970, 57.0550



104.2100, 8.9370, 19.7610



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.



125.6040, 49.1770, 105.5050



102.2920, 59.7640, 128.4040



119.2310, 85.8150, 80.2710



117.0700, 2.9790, 6.5870



74.4690, 44.8230, 96.3030



23.9970, 14.3910, 31.0550

Inverse Universe

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



107.3750, 119.1990, 47.9270



80.0580, 145.3770, 58.0890



175.7690, -85.8150, -80.2710



116.0010, 7.4270, 3.0670



57.8790, 108.7920, 43.8000



18.6950, 35.0720, 14.1760

Previews

White Background



This preview shows how the YIQ color 125.6040, 49.1770, 105.5050 looks on a white background.

Color Contrast Check

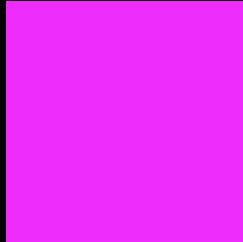
Large Text (above 18pt) WCAG AA ✓ Pass

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 125.6040, 49.1770, 105.5050 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

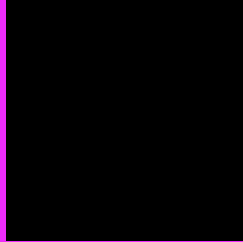
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 125.6040, 49.1770, 105.5050

Background



This preview shows how black text looks on a background with the YIQ color 125.6040, 49.1770, 105.5050.



This preview shows how white text looks on a background with the YIQ color 125.6040, 49.1770,

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

125.6040, 49.1770, 105.5050

Protanopia

134.8930, -70.3370, 24.7270

Deuteranopia

134.2810, -68.9140, 15.4540



Tritanopia

140.7810, 67.4850, 26.9810

Trichromacy



Original Color

125.6040, 49.1770, 105.5050



Protanomaly

131.5650, -27.2900, 54.0700



Deuteranomaly

131.0610, -26.0510, 48.1330



Tritanomaly

135.4750, 60.7400, 55.6200

Monochromacy



Original Color

125.6040, 49.1770, 105.5050



Achromatopsia

126.0000, 0.0000, 0.0000



Achromatomaly

125.7790, 18.2410, 38.3770

CSS Examples

Text

The CSS property to change the color of the text to YIQ 125.6040, 49.1770, 105.5050 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(238, 44, 251)` looks like.

```
.text, #text, p{  
    color:rgb(238, 44, 251)  
}
```

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(238, 44, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 44, 251) }
```

Border

The CSS property to change the border of an element to YIQ 125.6040, 49.1770, 105.5050 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(238, 44, 251) }
```


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

```
.border{ border-color:rgb(238, 44, 251) }
```

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

Here you see how a box with a 4 pixel rgb(238, 44, 251) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 44, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 44, 251);  
box-shadow:4px 4px 4px 4px rgb(238, 44,  
251) }
```

Background

The CSS property to change the background color of an element to YIQ 125.6040, 49.1770, 105.5050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 44, 251) }
```

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

```
.background{ background-color: rgb(238, 44,  
251) }
```

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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