

Converting Colors

YIQ(113.5210, 74.5760,
113.2640)

Have a look what the booklet for
YIQ(113.5210, 74.5760, 113.2640)
contains.

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Color

**YIQ(113.5210, 74.5760,
113.2640)**

Conversions

Conversions Part 1

Format	Color
Hex	FF14E0
RGB	255, 20, 224
RGB Percent	100%, 8%, 88%
CMY	0.0000, 0.9218, 0.1214
CMYK	0.00, 0.92, 0.12, 0.00
HSL	308°, 100%, 54%
HSV	308°, 92%, 100%
XYZ	54.9477, 27.1406, 72.8886
YIQ	113.5210, 74.5760, 113.2640

Conversions

Conversions Part 2

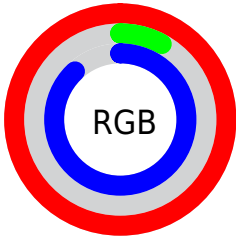
Format	Color
R _Y B	255, 20, 224
Decimal	16717024
CIE _{Lab}	59.10, 92.80, -45.47
CIE _{LCh}	59, 103.339, 333.898
Yxy	27.1406, 0.3546, 0.1751
Android (android.graphics.Color)	4294907104 (0xFFFF14E0)
YUV	113.5210, 54.4661, 124.0771
Hunter-Lab	52.0966, 97.0998, -46.4853

Details

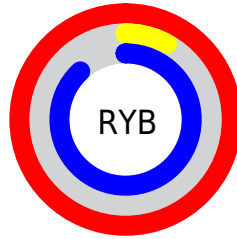
The YIQ color **113.5210, 74.5760, 113.2640** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light washed magenta. A complement of this color would be **161.4790, -74.5760, -113.2640**, and the grayscale version is **113.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **168.7110, 40.4250, 76.8810**, and **76.8590, 61.1000, 93.1640** is the 20% darker color. If you saturate the color by 10%, you get **101.4390, 81.0390, 122.7910**, and if you desaturate by 10%, it is **128.5380, 66.7380, 101.1220**.

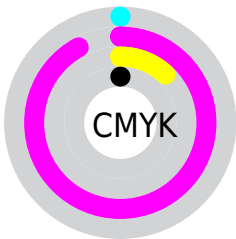
Distribution



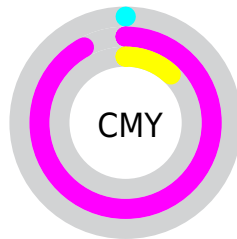
- Red (100%)
- Green (8%)
- Blue (88%)



- Red (100%)
- Yellow (8%)
- Blue (88%)



- Cyan (0%)
- Magenta (92%)
- Yellow (12%)
- Black (0%)





- Cyan (0%)
- Magenta (92%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 113.5210, 74.5760, 113.2640 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 113.5210, 74.5760, 113.2640 by changing the saturation by 10% instead.


 113.5210, 74.5760,
113.2640


 113.5210, 74.5760,
113.2640


255.0000, -0.0000,
-0.0000


 89.3200, 70.5880,
108.4440


 168.7110, 40.4250,
76.8810


 76.8590, 61.1000,
93.1640


 187.4950, 31.6250,
60.1450

 64.8110, 51.8870,
78.4070


 205.6920, 23.1000,
43.9320

 52.8770, 42.3530,
63.9610

 223.8890, 14.5750,
27.7190

 41.3560, 33.0940,
50.0380

 242.0860, 6.0500,
11.5060

 30.2480, 24.1100,
36.6380

 18.2430, 13.3380,

22.6020

■ 2.2800, -6.4200,
6.2200

■ 0.0000, 0.0000,
0.0000

■ 113.5210, 74.5760,
113.2640

■ 113.5210, 74.5760,
113.2640

■ 101.4390, 81.0390,
122.7910

■ 128.5380, 66.7380,
101.1220

■ 144.2560, 58.3040,
88.7680

■ 159.2730, 50.4660,
76.6260

■ 174.8770, 42.3530,
63.9610

190.0080, 34.1940,
52.1300

205.6120, 26.0810,
39.4650

220.7430, 17.9220,
27.6340

236.3470, 9.8090,
14.9690

251.3640, 1.9710,
2.8270

Harmonies

Analogous

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



136.0980, -27.4730, 51.8790



113.5210, 74.5760, 113.2640



91.6350, 108.6450, 96.0450

Triad

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



113.5210, 74.5760, 113.2640



132.6780, 57.8230, -40.2330



132.1880, -126.9530, -17.5210

Complementary

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



113.5210, 74.5760, 113.2640



161.4790, -74.5760, -113.2640

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.



121.8140, -97.7420, -45.8220



113.5210, 74.5760, 113.2640



113.3110, -11.1280, -73.6880

Square

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



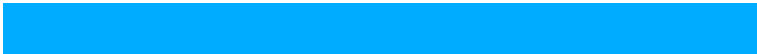
113.5210, 74.5760, 113.2640



131.0140, 110.8640, -4.7840



108.1800, -64.8630, -74.5190



130.0340, -129.1550, -10.6510

Rectangle

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



113.5210, 74.5760, 113.2640



84.9090, 127.5840, 77.6960



108.1800, -64.8630, -74.5190



129.4690, -117.9190, -27.0630

Sweetspot

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



113.5210, 74.5760, 113.2640



212.2970, 22.4140, 34.3340



54.8630, -59.3430, 78.8090



101.4880, 14.0260, 21.1460



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.



113.5210, 74.5760, 113.2640



101.4390, 81.0390, 122.7910



100.5250, 111.1700, 77.8100



120.1410, 4.2170, 6.1770



76.0330, 60.5500, 92.1180



25.4060, 20.4890, 30.6730

Inverse Universe

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



113.5210, 74.5760, 113.2640



101.4390, 81.0390, 122.7910



174.4750, -111.1700, -77.8100



120.1410, 4.2170, 6.1770



76.0330, 60.5500, 92.1180



25.4060, 20.4890, 30.6730

Previews

White Background



This preview shows how the YIQ color 113.5210, 74.5760, 113.2640 looks on a white background.

Color Contrast Check

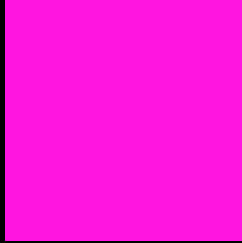
Large Text (above 18pt) WCAG AA ✓ Pass

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 113.5210, 74.5760, 113.2640 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 113.5210, 74.5760, 113.2640

Background



This preview shows how black text looks on a background with the YIQ color 113.5210, 74.5760, 113.2640.



This preview shows how white text looks on a background with the YIQ color 113.5210, 74.5760,

113.2640.

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

113.5210, 74.5760, 113.2640

Protanopia

136.3770, -68.8240, 24.8400

Deuteranopia

141.0810, -39.1120, 15.0000



Tritanopia

135.7300, 89.8580, 34.5140

Trichromacy



Original Color

113.5210, 74.5760, 113.2640



Protanomaly

128.1210, -17.1120, 56.8400



Deuteranomaly

131.3710, 2.3750, 50.5910



Tritanomaly

127.6090, 84.0300, 63.0540

Monochromacy



Original Color

113.5210, 74.5760, 113.2640



Achromatopsia

113.0000, -0.0000, 0.0000



Achromatomaly

113.1500, 27.5020, 41.2460

CSS Examples

Text

The CSS property to change the color of the text to YIQ 113.5210, 74.5760, 113.2640 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(255, 20, 224)` looks like.

```
.text, #text, p{  
    color:rgb(255, 20, 224)  
}
```

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(255, 20, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 20, 224) }
```

Border

The CSS property to change the border of an element to YIQ 113.5210, 74.5760, 113.2640 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(255, 20, 224) }
```


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

```
.border{ border-color:rgb(255, 20, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 20, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 20, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 20, 224);  
box-shadow:4px 4px 4px 4px rgb(255, 20,  
224) }
```

Background

The CSS property to change the background color of an element to YIQ 113.5210, 74.5760, 113.2640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 20, 224) }
```

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

```
.background{ background-color: rgb(255, 20,  
224) }
```

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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