

Converting Colors

YIQ(132.0070, 55.4120,
108.1480)

Have a look what the booklet for
YIQ(132.0070, 55.4120, 108.1480)
contains.

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Color

**YIQ(132.0070, 55.4120,
108.1480)**

Conversions

Conversions Part 1

Format	Color
Hex	FC2FFF
RGB	252, 47, 255
RGB Percent	99%, 18%, 100%
CMY	0.0111, 0.8160, 0.0000
CMYK	0.01, 0.82, 0.00, 0.00
HSL	299°, 100%, 59%
HSV	299°, 82%, 100%
XYZ	59.2650, 29.9710, 97.2691
YIQ	132.0070, 55.4120, 108.1480

Conversions

Conversions Part 2

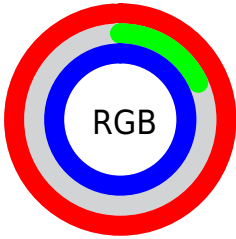
Format	Color
R _{YB}	252, 47, 255
Decimal	16527359
CIE _{Lab}	61.63, 92.55, -58.78
CIE _{LCh}	62, 109.637, 327.581
Y _{xy}	29.9710, 0.3178, 0.1607
Android (android.graphics.Color)	4294717439 (0xFFFC2FFF)
Y _{UV}	132.0070, 60.6355, 105.2339
Hunter-Lab	54.7458, 97.4298, -67.0209

Details

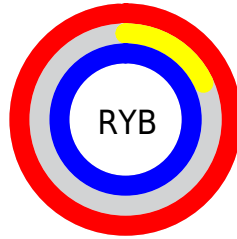
The YIQ color **132.0070, 55.4120, 108.1480** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **169.9930, -55.4120, -108.1480**, and the grayscale version is **131.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **175.7550, 37.1250, 70.6050**, and **79.5670, 50.5990, 101.7590** is the 20% darker color. If you saturate the color by 10%, you get **116.7450, 62.5620, 121.7460**, and if you desaturate by 10%, it is **146.9810, 49.1330, 95.2850**.

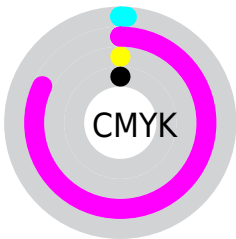
Distribution



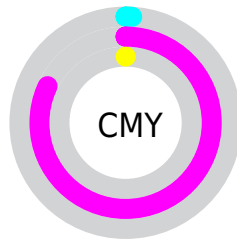
- Red (99%)
- Green (18%)
- Blue (100%)



- Red (99%)
- Yellow (18%)
- Blue (100%)



- Cyan (1%)
- Magenta (82%)
- Yellow (0%)
- Black (0%)




- Cyan (1%)
- Magenta (82%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 132.0070, 55.4120, 108.1480 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 132.0070, 55.4120, 108.1480 by changing the saturation by 10% instead.


 132.0070, 55.4120,
108.1480


 132.0070, 55.4120,
108.1480


255.0000, -0.0000,
-0.0000


 91.8430, 59.1700,
117.1380


 175.7550, 37.1250,
70.6050


 79.5670, 50.5990,
101.7590


 193.9520, 28.6000,
54.3920

 67.5190, 41.3860,
87.0020

 212.1490, 20.0750,
38.1790

 55.3570, 32.4940,
71.9340

 230.3460, 11.5500,
21.9660

 43.4230, 22.9600,
57.4880

 248.5430, 3.0250,
5.7530

 32.2010, 14.2970,
43.7770

 20.0820, 3.8460,

29.4300

■ 4.9020, -13.8030,
13.3730

■ 2.9810, -7.0160,
6.0080

■ 132.0070, 55.4120,
108.1480

■ 132.0070, 55.4120,
108.1480

■ 116.7450, 62.5620,
121.7460

■ 146.9810, 49.1330,
95.2850

■ 104.4180, 68.3370,
132.7290

■ 162.2430, 41.9830,
81.6870

■ 176.9180, 35.1080,
68.6120

■ 192.4790, 28.5540,
55.2260

207.1540, 21.6790,
42.1510

222.4160, 14.5290,
28.5530

237.3900, 8.2500,
15.6900

252.6520, 1.1000,
2.0920

255.0000, -0.0000,
-0.0000

Harmonies

Analogous

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



131.1380, -60.4810, 33.3350



132.0070, 55.4120, 108.1480



94.5990, 100.2990, 104.1310

Triad

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



132.0070, 55.4120, 108.1480



140.1530, 72.7230, -34.9330



136.7870, -127.5020, -24.0940

Complementary

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



132.0070, 55.4120, 108.1480



169.9930, -55.4120, -108.1480

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.



124.9140, -95.4480, -54.3600



132.0070, 55.4120, 108.1480



125.2270, 6.8440, -68.9960

Square

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



132.0070, 55.4120, 108.1480



132.0100, 125.8550, 4.3750



108.1850, -55.2320, -89.3760



136.4910, -132.1800, -16.4040

Rectangle

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



132.0070, 55.4120, 108.1480



87.4170, 120.5220, 84.5380



108.1850, -55.2320, -89.3760



133.1390, -117.2300, -34.0460

Sweetspot

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



132.0070, 55.4120, 108.1480



218.8940, 16.1790, 31.6910



72.4730, -67.5930, 63.1190



105.9820, 9.5790, 19.1390



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.



132.0070, 55.4120, 108.1480



107.3530, 66.9620, 130.1140



121.3900, 89.6210, 77.3730



120.0700, 2.9790, 6.5870



78.2850, 51.3330, 99.4690



26.1330, 17.0040, 33.2600

Inverse Universe

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



109.5340, 123.0050, 45.0290



80.2060, 147.7160, 54.2440



180.4960, -89.3000, -77.6840



118.8870, 7.7480, 2.7560



57.4510, 112.8730, 41.4250



19.2500, 37.8230, 13.8790

Previews

White Background



This preview shows how the YIQ color 132.0070, 55.4120, 108.1480 looks on a white background.

Color Contrast Check

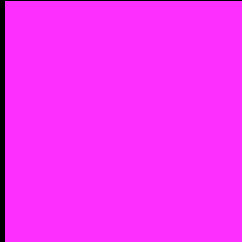
Large Text (above 18pt) WCAG AA ✓ Pass

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 132.0070, 55.4120, 108.1480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

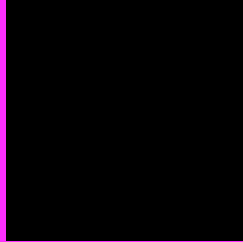
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 132.0070, 55.4120, 108.1480

Background



This preview shows how black text looks on a background with the YIQ color 132.0070, 55.4120, 108.1480.



This preview shows how white text looks on a background with the YIQ color 132.0070, 55.4120,

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

132.0070, 55.4120, 108.1480

Protanopia

144.3730, -63.0010, 23.9350

Deuteranopia

143.0430, -62.3120, 16.9520



Tritanopia

146.3690, 74.6370, 29.5250

Trichromacy



Original Color

132.0070, 55.4120, 108.1480



Protanomaly

139.9850, -19.7250, 54.6350



Deuteranomaly

139.2360, -19.1740, 50.1540



Tritanomaly

141.0630, 67.8920, 58.1640

Monochromacy



Original Color

132.0070, 55.4120, 108.1480



Achromatopsia

132.0000, -0.0000, -0.0000



Achromatomaly

132.0890, 20.3040, 39.5360

CSS Examples

Text

The CSS property to change the color of the text to YIQ 132.0070, 55.4120, 108.1480 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(252, 47, 255)` looks like.

```
.text, #text, p{  
    color:rgb(252, 47, 255)  
}
```

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(252, 47, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 47, 255) }
```

Border

The CSS property to change the border of an element to YIQ 132.0070, 55.4120, 108.1480 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(252, 47, 255) }
```


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

```
.border{ border-color:rgb(252, 47, 255) }
```

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

Here you see how a box with a 4 pixel rgb(252, 47, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 47, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 47, 255);  
box-shadow:4px 4px 4px 4px rgb(252, 47,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 132.0070, 55.4120, 108.1480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 47, 255) }
```

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

```
.background{ background-color: rgb(252, 47,  
255) }
```

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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