

Converting Colors

YIQ(136.2540, 68.6720, 55.0400)

Have a look what the booklet for
YIQ(136.2540, 68.6720, 55.0400)
contains.

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Color

**YIQ(136.2540, 68.6720,
55.0400)**

Conversions

Conversions Part 1

Format	Color
Hex	EC529A
RGB	236, 82, 154
RGB Percent	93%, 32%, 60%
CMY	0.0741, 0.6786, 0.3959
CMYK	0.00, 0.65, 0.35, 0.07
HSL	332°, 80%, 62%
HSV	332°, 65%, 93%
XYZ	43.4767, 26.2106, 33.3637
YIQ	136.2540, 68.6720, 55.0400

Conversions

Conversions Part 2

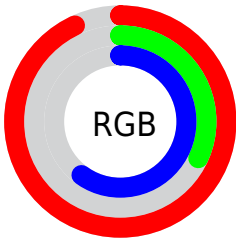
Format	Color
R _Y B	236, 82, 154
Decimal	15487642
CIE Lab	58.24, 65.27, -6.84
CIE LCh	58, 65.623, 354.016
Yxy	26.2106, 0.4219, 0.2543
Android (android.graphics.Color)	4293677722 (0xFFEC529A)
YUV	136.2540, 8.7488, 87.4772
Hunter-Lab	51.1963, 61.9914, -2.8008

Details

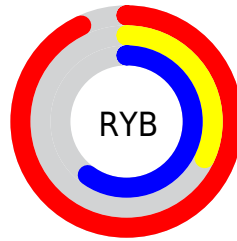
The YIQ color **136.2540, 68.6720, 55.0400** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **181.7460, -68.6720, -55.0400**, and the grayscale version is **136.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **182.1370, 46.7120, 45.5280**, and **65.5400, 71.2830, 68.2990** is the 20% darker color. If you saturate the color by 10%, you get **120.6840, 79.4450, 63.5490**, and if you desaturate by 10%, it is **151.8240, 57.8990, 46.5310**.

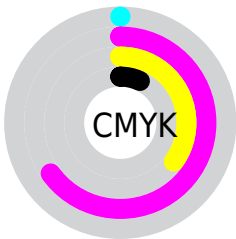
Distribution



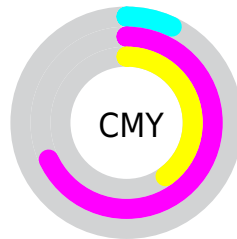
- Red (93%)
- Green (32%)
- Blue (60%)



- Red (93%)
- Yellow (32%)
- Blue (60%)



- Cyan (0%)
- Magenta (65%)
- Yellow (35%)
- Black (7%)





- Cyan (7%)
- Magenta (68%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 136.2540, 68.6720, 55.0400 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 136.2540, 68.6720, 55.0400 by changing the saturation by 10% instead.


 136.2540, 68.6720,
55.0400


 136.2540, 68.6720,
55.0400


255.0000, -0.0000,
-0.0000


 106.1230, 67.6630,
56.8070


 182.1370, 46.7120,
45.5280


 64.9530, 71.5580,
68.8220


 201.8790, 29.7030,
39.9030


 52.6600, 61.6570,
55.5210

 221.5410, 15.6750,
29.8110

 41.3670, 51.7560,
42.2200

 238.5640, 7.7000,
14.6440

 30.3020, 41.2130,
29.5410

 19.9060, 33.1000,
16.8760

 8.4860, 16.3670,

6.2470

■ 0.0000, 0.0000,
0.0000

■ 136.2540, 68.6720,
55.0400

■ 136.2540, 68.6720,
55.0400

■ 120.6840, 79.4450,
63.5490

■ 151.8240, 57.8990,
46.5310

■ 105.8150, 89.6220,
71.8460

■ 166.6930, 47.7220,
38.2340

■ 90.2450, 100.3950,
80.3550

■ 182.2630, 36.9490,
29.7250

■ 83.1040, 105.3460,
84.2420

■ 197.1320, 26.7720,
21.4280

■ 212.7020, 15.9990,
12.9190

■ 228.1580, 5.5470,
4.0990

■ 243.1410, -4.9510,
-3.8870

■ 249.3190,
-11.3240, -4.0280

Harmonies

Analogous

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



143.3750, 22.9150, 52.7950



136.2540, 68.6720, 55.0400



133.5990, 88.8490, 36.2810

Triad

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



136.2540, 68.6720, 55.0400



126.3260, 29.2150, -50.4090



121.5420, -119.0220, -12.5740

Complementary

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



136.2540, 68.6720, 55.0400



181.7460, -68.6720, -55.0400

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.



118.5320, -105.0350, -29.2830



136.2540, 68.6720, 55.0400



112.7240, -45.2430, -55.6350

Square

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



136.2540, 68.6720, 55.0400



130.9940, 68.9170, -32.0350



111.8060, -86.0960, -47.6320



117.1200, -123.1050, 0.8550

Rectangle

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



136.2540, 68.6720, 55.0400



134.5270, 88.2110, 14.7950



111.8060, -86.0960, -47.6320



121.2340, -115.3990, -17.6630

Sweetspot

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



136.2540, 68.6720, 55.0400



221.9850, 22.6920, 18.2760



123.4760, -1.7540, 64.8540



107.8650, 13.9820, 10.9260



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.



136.2540, 68.6720, 55.0400



126.1030, 88.7510, 71.1110



129.8070, 90.9590, 31.0790



109.8590, 4.9510, 3.8870



63.8090, 80.5910, 64.8070



18.9960, 24.1590, 19.2230

Inverse Universe

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



136.2540, 68.6720, 55.0400



126.1030, 88.7510, 71.1110



188.7800, -91.2340, -31.6020



109.8590, 4.9510, 3.8870



63.8090, 80.5910, 64.8070



18.9960, 24.1590, 19.2230

Previews

White Background



This preview shows how the YIQ color 136.2540, 68.6720, 55.0400 looks on a white background.

Color Contrast Check

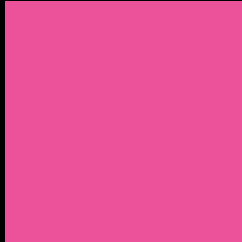
Large Text (above 18pt) WCAG AA ✓ Pass

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 136.2540, 68.6720, 55.0400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

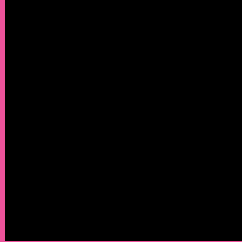
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 136.2540, 68.6720, 55.0400

Background



This preview shows how black text looks on a background with the YIQ color 136.2540, 68.6720, 55.0400.



This preview shows how white text looks on a background with the YIQ color 136.2540, 68.6720,

55.0400.

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

136.2540, 68.6720, 55.0400

Protanopia

140.8560, -25.3570, 13.5150

Deuteranopia

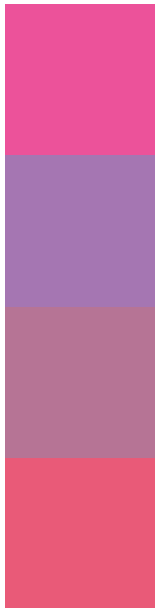
141.6250, 5.7300, 6.2900



Tritanopia

136.0600, 80.0010, 31.4330

Trichromacy



Original Color

136.2540, 68.6720, 55.0400

Protanomaly

138.8930, 8.7520, 28.6240

Deuteranomaly

139.4960, 28.7430, 24.2550

Tritanomaly

136.1770, 75.5980, 39.6460

Monochromacy



Original Color

136.2540, 68.6720, 55.0400

Achromatopsia

136.0000, -0.0000, 0.0000

Achromatomaly

135.8220, 24.7090, 20.2690

CSS Examples

Text

The CSS property to change the color of the text to YIQ 136.2540, 68.6720, 55.0400 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(236, 82, 154)` looks like.

```
.text, #text, p{  
    color:rgb(236, 82, 154)  
}
```

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(236, 82, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 82, 154) }
```

Border

The CSS property to change the border of an element to YIQ 136.2540, 68.6720, 55.0400 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(236, 82, 154) }
```


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

```
.border{ border-color:rgb(236, 82, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 82, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(236, 82, 154); -webkit-box-shadow:4px 4px 4px 4px rgb(236, 82, 154); box-shadow:4px 4px 4px 4px rgb(236, 82, 154) }
```

Background

The CSS property to change the background color of an element to YIQ 136.2540, 68.6720, 55.0400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 82, 154) }
```

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

```
.background{ background-color: rgb(236, 82,  
154) }
```

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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