

Converting Colors

YIQ(120.5520, 71.0090, 62.2490)

Have a look what the booklet for
YIQ(120.5520, 71.0090, 62.2490)
contains.

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Color

**YIQ(120.5520, 71.0090,
62.2490)**

Conversions

Conversions Part 1

Format	Color
Hex	E33D94
RGB	227, 61, 148
RGB Percent	89%, 24%, 58%
CMY	0.1094, 0.7610, 0.4194
CMYK	0.00, 0.73, 0.35, 0.11
HSL	329°, 75%, 56%
HSV	329°, 73%, 89%
XYZ	38.7294, 21.8194, 30.2100
YIQ	120.5520, 71.0090, 62.2490

Conversions

Conversions Part 2

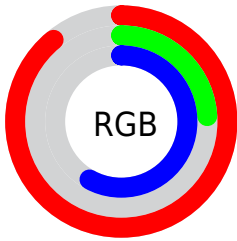
Format	Color
RYB	227, 61, 148
Decimal	14892436
CIELab	53.83, 69.67, -10.04
CIELCh	54, 70.391, 351.800
Yxy	21.8194, 0.4267, 0.2404
Android (android.graphics.Color)	4293082516 (0xFFE33D94)
YUV	120.5520, 13.5319, 93.3549
Hunter-Lab	46.7113, 66.2535, -5.6472

Details

The YIQ color **120.5520, 71.0090, 62.2490** is a dark color, and the websafe version is hex **FF3399**. The color can be described as middle washed rose. A complement of this color would be **167.4480, -71.0090, -62.2490**, and the grayscale version is **120.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **170.8870, 53.5880, 53.0760**, and **60.9910, 68.3950, 65.5710** is the 20% darker color. If you saturate the color by 10%, you get **105.7970, 80.8650, 70.8570**, and if you desaturate by 10%, it is **135.3070, 61.1530, 53.6410**.

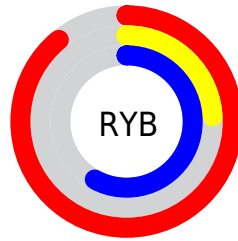
Distribution



Red (89%)

Green (24%)

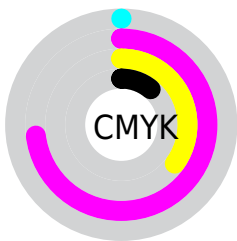
Blue (58%)



Red (89%)

Yellow (24%)

Blue (58%)

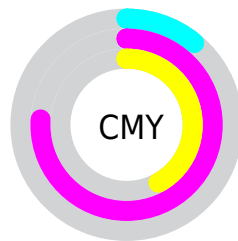


Cyan (0%)

Magenta (73%)

Yellow (35%)

Black (11%)



Cyan (11%)


Magenta (76%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 120.5520, 71.0090, 62.2490 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 120.5520, 71.0090, 62.2490 by changing the saturation by 10% instead.


 120.5520, 71.0090,
62.2490


 120.5520, 71.0090,
62.2490


255.0000, -0.0000,
-0.0000


 83.9640, 73.0250,
69.7690


 170.8870, 53.5880,
53.0760


 60.9910, 68.3950,
65.5710


 191.1020, 36.6250,
46.6170


 49.3990, 57.8980,
52.0580


 210.9750, 20.6250,
39.2250

 38.1060, 47.9970,
38.7570

 228.5850, 12.3750,
23.5350

 27.3400, 38.0500,
26.2900

 245.6080, 4.4000,
8.3680

 15.7760, 30.3500,
11.6460

 0.0000, 0.0000,

0.0000

■ 120.5520, 71.0090,
62.2490

■ 120.5520, 71.0090,
62.2490

■ 105.7970, 80.8650,
70.8570

■ 135.3070, 61.1530,
53.6410

■ 91.6290, 90.4460,
78.9420

■ 149.4750, 51.5720,
45.5560

■ 81.4390, 97.0930,
85.1330

■ 164.1160, 42.0370,
36.6370

■ 178.8710, 32.1810,
28.0290

■ 193.0390, 22.6000,
19.9440

■ 207.7940, 12.7440,
11.3360

■ 222.5490, 2.8880,
2.7280

■ 237.1900, -6.6470,
-6.1910

■ 245.4880,
-13.4780, -9.0460

Harmonies

Analogous

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



130.6290, 19.3840, 56.2160



120.5520, 71.0090, 62.2490



117.5660, 93.6160, 43.5040

Triad

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



120.5520, 71.0090, 62.2490



115.3800, 29.1230, -48.7410



114.7600, -113.7040, -9.8320

Complementary

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



120.5520, 71.0090, 62.2490



167.4480, -71.0090, -62.2490

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.



111.1800, -98.1120, -28.0960



120.5520, 71.0090, 62.2490



92.7070, -55.7410, -63.6210

Square

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



120.5520, 71.0090, 62.2490



120.9710, 67.7240, -26.9320



103.4110, -77.6140, -47.1660



111.2670, -119.0250, 4.0070

Rectangle

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



120.5520, 71.0090, 62.2490



120.3860, 93.1620, 18.6820



103.4110, -77.6140, -47.1660



114.2240, -109.4390, -15.5430

Sweetspot

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



120.5520, 71.0090, 62.2490



219.0500, 24.0670, 20.8910



102.9470, -7.3940, 67.9500



106.2180, 14.4860, 12.8060



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.



120.5520, 71.0090, 62.2490



111.3140, 95.9470, 83.8750



111.2040, 97.3310, 36.7470



107.2720, 5.2260, 4.4100



64.2370, 76.5100, 67.1820



18.3270, 21.7290, 19.2090

Inverse Universe

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



120.5520, 71.0090, 62.2490



111.3140, 95.9470, 83.8750



176.7960, -97.3310, -36.7470



107.2720, 5.2260, 4.4100



64.2370, 76.5100, 67.1820



18.3270, 21.7290, 19.2090

Previews

White Background



This preview shows how the YIQ color 120.5520, 71.0090, 62.2490 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 120.5520, 71.0090, 62.2490 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 120.5520, 71.0090, 62.2490

Background



This preview shows how black text looks on a background with the YIQ color 120.5520, 71.0090, 62.2490.



This preview shows how white text looks on a background with the YIQ color 120.5520, 71.0090,

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

120.5520, 71.0090, 62.2490

Protanopia

128.5440, -33.1060, 16.2860

Deuteranopia

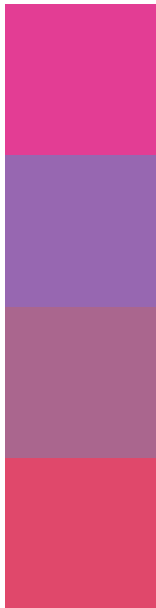
130.1840, 2.6580, 6.8980



Tritanopia

122.5120, 84.5400, 31.7720

Trichromacy



Original Color

120.5520, 71.0090, 62.2490

Protanomaly

125.7880, 4.8540, 33.1900

Deuteranomaly

126.8920, 27.6880, 26.8560

Tritanomaly

121.4380, 79.3570, 43.1090

Monochromacy



Original Color

120.5520, 71.0090, 62.2490

Achromatopsia

121.0000, -0.0000, 0.0000

Achromatomaly

120.8870, 26.0840, 22.8840

CSS Examples

Text

The CSS property to change the color of the text to YIQ 120.5520, 71.0090, 62.2490 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(227, 61, 148)` looks like.

```
.text, #text, p{  
    color:rgb(227, 61, 148)  
}
```

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(227, 61, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 61, 148) }
```

Border

The CSS property to change the border of an element to YIQ 120.5520, 71.0090, 62.2490 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(227, 61, 148) }
```


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

```
.border{ border-color:rgb(227, 61, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 61, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 61, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 61, 148);  
box-shadow:4px 4px 4px 4px rgb(227, 61,  
148) }
```

Background

The CSS property to change the background color of an element to YIQ 120.5520, 71.0090, 62.2490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 61, 148) }
```

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

```
.background{ background-color: rgb(227, 61,  
148) }
```

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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