

Converting Colors

YIQ(170.2360, 33.5520, 52.7520)

Have a look what the booklet for
YIQ(170.2360, 33.5520, 52.7520)
contains.

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Color

**YIQ(170.2360, 33.5520,
52.7520)**

Conversions

Conversions Part 1

Format	Color
Hex	EB7FDF
RGB	235, 127, 223
RGB Percent	92%, 50%, 87%
CMY	0.0781, 0.5021, 0.1254
CMYK	0.00, 0.46, 0.05, 0.08
HSL	307°, 73%, 71%
HSV	307°, 46%, 92%
XYZ	55.1925, 38.1715, 74.2815
YIQ	170.2360, 33.5520, 52.7520

Conversions

Conversions Part 2

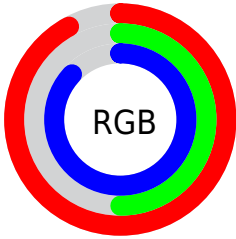
Format	Color
R _Y B	235, 127, 223
Decimal	15433695
CIE Lab	68.15, 54.44, -30.98
CIE LCh	68, 62.639, 330.355
Yxy	38.1715, 0.3292, 0.2277
Android (android.graphics.Color)	4293623775 (0xFFEB7FDF)
YUV	170.2360, 26.0127, 56.7980
Hunter-Lab	61.7831, 51.3383, -28.0359

Details

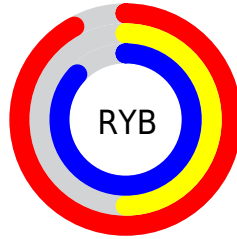
The YIQ color $170.2360, 33.5520, 52.7520$ is a light color, and the websafe version is hex $FF99FF$. A complement of this color would be $191.7640, -33.5520, -52.7520$, and the grayscale version is $170.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $212.7360, 19.8000, 37.6560$, and $114.9260, 31.4890, 51.5930$ is the 20% darker color. If you saturate the color by 10%, you get $155.8060, 41.1150, 64.3710$, and if you desaturate by 10%, it is $184.0790, 26.2640, 41.6560$.

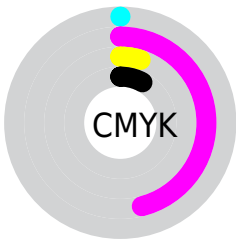
Distribution



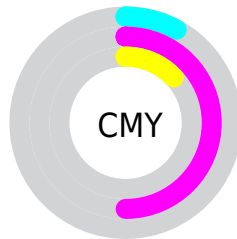
- Red (92%)
- Green (50%)
- Blue (87%)



- Red (92%)
- Yellow (50%)
- Blue (87%)



- Cyan (0%)
- Magenta (46%)
- Yellow (5%)
- Black (8%)



- Cyan (8%)
- Magenta (50%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 170.2360, 33.5520, 52.7520 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 170.2360, 33.5520, 52.7520 by changing the saturation by 10% instead.

170.2360, 33.5520,
52.7520

170.2360, 33.5520,
52.7520

255.0000, -0.0000,
-0.0000

142.5240, 32.6810,
52.0170

212.7360, 19.8000,
37.6560

114.9260, 31.4890,
51.5930

229.1720, 12.1000,
23.0120

87.0400, 31.1680,
51.9040

246.1950, 4.1250,
7.8450

54.2840, 33.5970,
57.4450

38.6650, 27.7300,
48.1300

27.8560, 19.3420,
34.9420

18.4710, 12.6960,

23.2240

■ 2.5080, -7.0620,
6.8420

■ 0.0000, 0.0000,
0.0000

■ 170.2360, 33.5520,
52.7520

■ 170.2360, 33.5520,
52.7520

■ 155.8060, 41.1150,
64.3710

■ 184.0790, 26.2640,
41.6560

■ 142.0770, 48.0820,
75.7780

■ 198.3950, 19.0220,
29.7260

■ 127.6470, 55.6450,
87.3970

■ 212.2380, 11.7340,
18.6300

■ 113.9180, 62.6120,
98.8040

■ 226.6680, 4.1710,
7.0110

■ 99.4880, 70.1750,
110.4230

■ 240.9840, -3.0710,
-4.9190

■ 94.0910, 72.9710,
114.8190

■ 247.1960, -6.7840,
-9.2160

■ 247.4240, -7.4260,
-8.5940

■ 247.7660, -8.3890,
-7.6610

■ 248.1080, -9.3520,
-6.7280

Harmonies

Analogous

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



167.6400, -23.8480, 35.7360



170.2360, 33.5520, 52.7520



161.7280, 66.9770, 47.2090

Triad

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



170.2360, 33.5520, 52.7520



159.3610, 57.6380, -31.3700



138.5990, -124.3370, -31.8970

Complementary

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



170.2360, 33.5520, 52.7520



191.7640, -33.5520, -52.7520

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.



132.1010, -106.0400, -49.6240



170.2360, 33.5520, 52.7520



153.2890, 13.4420, -45.3900

Square

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



170.2360, 33.5520, 52.7520



162.3390, 82.2080, -3.0720



138.6890, -55.3300, -54.5460



138.2520, -133.0050, -17.9730

Rectangle

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



170.2360, 33.5520, 52.7520



159.1570, 78.3500, 33.8220



138.6890, -55.3300, -54.5460



136.5470, -118.5590, -37.4950

Sweetspot

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



170.2360, 33.5520, 52.7520



233.4120, 11.1840, 17.5840



142.6010, -28.1120, 35.9200



114.7440, 7.0130, 10.5730



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.



170.2360, 33.5520, 52.7520



170.9960, 43.6360, 68.2440



164.1940, 50.5650, 36.2690



110.4290, 3.3460, 5.4420



72.4730, 56.1950, 88.4430



21.6180, 16.7760, 26.3760

Inverse Universe

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



170.2360, 33.5520, 52.7520



170.9960, 43.6360, 68.2440



197.8060, -50.5650, -36.2690



110.4290, 3.3460, 5.4420



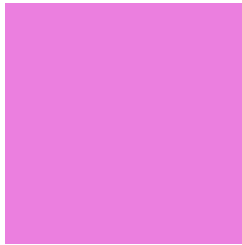
72.4730, 56.1950, 88.4430



21.6180, 16.7760, 26.3760

Previews

White Background



This preview shows how the YIQ color 170.2360, 33.5520, 52.7520 looks on a white background.

Color Contrast Check

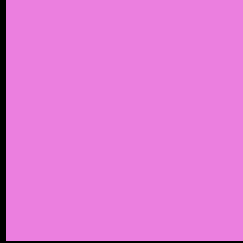
Large Text (above 18pt) WCAG AA × Fail

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 170.2360, 33.5520, 52.7520 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

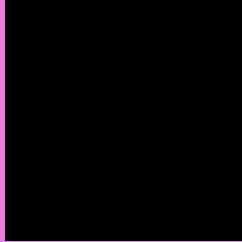
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 170.2360, 33.5520, 52.7520

Background



This preview shows how black text looks on a background with the YIQ color 170.2360, 33.5520, 52.7520.



This preview shows how white text looks on a background with the YIQ color 170.2360, 33.5520,

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

170.2360, 33.5520, 52.7520

Protanopia

165.6600, -44.9360, 21.4320

Deuteranopia

167.6500, -21.7810, 14.7870



Tritanopia

168.6690, 47.1290, 21.4410

Trichromacy



Original Color

170.2360, 33.5520, 52.7520



Protanomaly

167.5390, -16.3740, 32.4420



Deuteranomaly

168.9180, -1.5640, 28.3560



Tritanomaly

169.4810, 42.2670, 32.4670

Monochromacy



Original Color

170.2360, 33.5520, 52.7520



Achromatopsia

170.0000, -0.0000, 0.0000



Achromatomaly

169.9500, 12.6050, 19.3650

CSS Examples

Text

The CSS property to change the color of the text to YIQ 170.2360, 33.5520, 52.7520 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(235, 127, 223)` looks like.

```
.text, #text, p{  
    color:rgb(235, 127, 223)  
}
```

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(235, 127, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 127, 223) }
```

Border

The CSS property to change the border of an element to YIQ 170.2360, 33.5520, 52.7520 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(235, 127, 223) }
```


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

```
.border{ border-color:rgb(235, 127, 223) }
```

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

Here you see how a box with a 4 pixel rgb(235, 127, 223) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 127, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 127, 223);  
box-shadow:4px 4px 4px 4px rgb(235, 127,  
223) }
```

Background

The CSS property to change the background color of an element to YIQ 170.2360, 33.5520, 52.7520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 127, 223) }
```

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

```
.background{ background-color: rgb(235,  
127, 223) }
```

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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