

Converting Colors

YIQ(151.3350, 36.4460, 22.3180)

Have a look what the booklet for
YIQ(151.3350, 36.4460, 22.3180)
contains.

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Color

**YIQ(151.3350, 36.4460,
22.3180)**

Conversions

Conversions Part 1

Format	Color
Hex	C87F95
RGB	200, 127, 149
RGB Percent	78%, 50%, 58%
CMY	0.2155, 0.5021, 0.4156
CMYK	0.00, 0.37, 0.26, 0.22
HSL	342°, 40%, 64%
HSV	342°, 37%, 78%
XYZ	36.8450, 29.6277, 32.2242
YIQ	151.3350, 36.4460, 22.3180

Conversions

Conversions Part 2

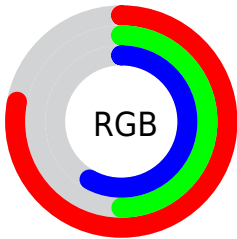
Format	Color
R_{YB}	200, 127, 149
Decimal	13139861
CIE _{Lab}	61.33, 31.25, 0.05
CIE _{LCh}	61, 31.246, 0.089
Yxy	29.6277, 0.3733, 0.3002
Android (android.graphics.Color)	4291329941 (0xFFC87F95)
YUV	151.3350, -1.1512, 42.6792
Hunter-Lab	54.4314, 25.5731, 3.0014

Details

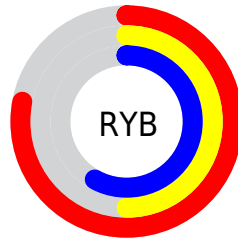
The YIQ color **151.3350, 36.4460, 22.3180** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **175.6650, -36.4460, -22.3180**, and the grayscale version is **151.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **205.6340, 37.0420, 22.5300**, and **98.8400, 33.4660, 21.2580** is the 20% darker color. If you saturate the color by 10%, you get **137.9990, 46.4400, 28.4240**, and if you desaturate by 10%, it is **164.6710, 26.4520, 16.2120**.

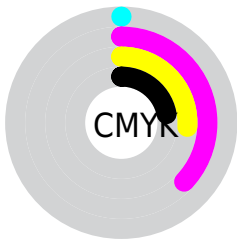
Distribution



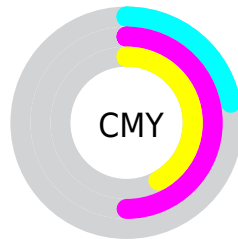
- Red (78%)
- Green (50%)
- Blue (58%)



- Red (78%)
- Yellow (50%)
- Blue (58%)



- Cyan (0%)
- Magenta (37%)
- Yellow (26%)
- Black (22%)





- Cyan (22%)
- Magenta (50%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 151.3350, 36.4460, 22.3180 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 151.3350, 36.4460, 22.3180 by changing the saturation by 10% instead.


 151.3350, 36.4460,
22.3180


 151.3350, 36.4460,
22.3180


255.0000, -0.0000,
-0.0000


 124.7370, 35.2540,
21.8940


 205.6340, 37.0420,
22.5300


 98.8400, 33.4660,
21.2580


 224.6750, 20.6290,
17.1170

 74.3560, 31.9530,
21.1450

 244.4340, 4.9500,
9.4140

 49.5730, 29.8440,
20.8200

 24.4420, 28.8350,
22.5870

 14.1390, 24.8940,
11.4060

 0.0000, 0.0000,

0.0000

151.3350, 36.4460,
22.3180

151.3350, 36.4460,
22.3180

137.9990, 46.4400,
28.4240

164.6710, 26.4520,
16.2120

124.6630, 56.4340,
34.5300

178.0070, 16.4580,
10.1060

111.3270, 66.4280,
40.6360

191.3430, 6.4640,
4.0000

97.9910, 76.4220,
46.7420

204.6790, -3.5300,
-2.1060

84.6550, 86.4160,
52.8480

218.0150,
-13.5240, -8.2120

71.3190, 96.4100,
58.9540

231.3510,
-23.5180, -14.3180

■ 66.6400, 99.9400,
61.0600

■ 237.6430,
-30.2120, -14.1480

■ 238.5550,
-32.7800, -11.6600

Harmonies

Analogous

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



152.2650, 16.2720, 24.4960



151.3350, 36.4460, 22.3180



149.7300, 45.1590, 13.0870

Triad

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



151.3350, 36.4460, 22.3180



143.5330, 7.8440, -21.0200



134.7100, -66.7090, -7.9970

Complementary

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



151.3350, 36.4460, 22.3180



175.6650, -36.4460, -22.3180

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.



129.0970, -72.7130, -20.3370



151.3350, 36.4460, 22.3180



138.9950, -19.9400, -24.1000

Square

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



151.3350, 36.4460, 22.3180



146.2370, 29.5290, -12.0310



133.6680, -49.6960, -24.4800



144.6690, -41.1280, 7.4800

Rectangle

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



151.3350, 36.4460, 22.3180



149.1610, 45.0230, 4.5350



133.6680, -49.6960, -24.4800



132.0250, -72.2100, -12.9300

Sweetspot

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



151.3350, 36.4460, 22.3180



236.2840, 14.1200, 8.4240



150.2720, 6.3670, 33.3030



116.6530, 8.5270, 5.1590



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.



151.3350, 36.4460, 22.3180



180.3640, 55.8380, 34.3180



156.4580, 39.9330, 8.6770



93.0330, 4.4010, 2.8410



54.3230, 81.4190, 49.7950



12.0180, 17.9250, 11.0530

Inverse Universe

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



151.3350, 36.4460, 22.3180



180.3640, 55.8380, 34.3180



170.5420, -39.9330, -8.6770



93.0330, 4.4010, 2.8410



54.3230, 81.4190, 49.7950



12.0180, 17.9250, 11.0530

Previews

White Background



This preview shows how the YIQ color 151.3350, 36.4460, 22.3180 looks on a white background.

Color Contrast Check

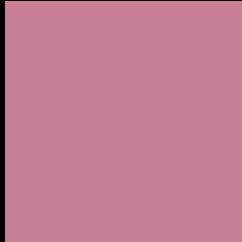
Large Text (above 18pt) WCAG AA ✓ Pass

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 151.3350, 36.4460, 22.3180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

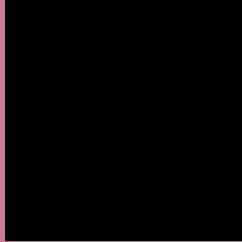
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 151.3350, 36.4460, 22.3180

Background



This preview shows how black text looks on a background with the YIQ color 151.3350, 36.4460, 22.3180.



This preview shows how white text looks on a background with the YIQ color 151.3350, 36.4460,

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

151.3350, 36.4460, 22.3180

Protanopia

149.1830, -4.7690, 3.8310

Deuteranopia

150.2080, 11.2780, 4.8620



Tritanopia

150.9560, 38.8310, 17.6390

Trichromacy



Original Color

151.3350, 36.4460, 22.3180

Protanomaly

149.7120, 10.0390, 10.7990

Deuteranomaly

150.6870, 20.3550, 11.0670

Tritanomaly

150.8250, 37.8220, 19.4060

Monochromacy



Original Color

151.3350, 36.4460, 22.3180

Achromatopsia

151.0000, -0.0000, 0.0000

Achromatomaly

150.9850, 13.5240, 8.2120

CSS Examples

Text

The CSS property to change the color of the text to YIQ 151.3350, 36.4460, 22.3180 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(200, 127, 149)` looks like.

```
.text, #text, p{  
    color:rgb(200, 127, 149)  
}
```

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(200, 127, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 127, 149) }
```

Border

The CSS property to change the border of an element to YIQ 151.3350, 36.4460, 22.3180 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(200, 127, 149) }
```


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

```
.border{ border-color:rgb(200, 127, 149) }
```

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

Here you see how a box with a 4 pixel rgb(200, 127, 149) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 127, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 127, 149);  
box-shadow:4px 4px 4px 4px rgb(200, 127,  
149) }
```

Background

The CSS property to change the background color of an element to YIQ 151.3350, 36.4460, 22.3180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 127, 149) }
```

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

```
.background{ background-color: rgb(200,  
127, 149) }
```

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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