

Converting Colors

YIQ(149.5130, 20.9050, 12.1130)

Have a look what the booklet for
YIQ(149.5130, 20.9050, 12.1130)
contains.

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Color

**YIQ(149.5130, 20.9050,
12.1130)**

Conversions

Conversions Part 1

Format	Color
Hex	B18893
RGB	177, 136, 147
RGB Percent	69%, 53%, 58%
CMY	0.3058, 0.4667, 0.4235
CMYK	0.00, 0.23, 0.17, 0.31
HSL	344°, 21%, 61%
HSV	344°, 23%, 69%
XYZ	32.2072, 29.0609, 31.5234
YIQ	149.5130, 20.9050, 12.1130

Conversions

Conversions Part 2

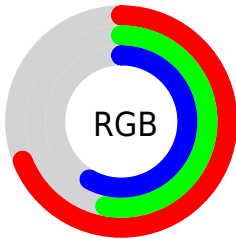
Format	Color
RYB	177, 136, 147
Decimal	11634835
CIELab	60.84, 17.40, 0.17
CIELCh	61, 17.399, 0.548
Yxy	29.0609, 0.3471, 0.3132
Android (android.graphics.Color)	4289824915 (0xFFB18893)
YUV	149.5130, -1.2389, 24.1061
Hunter-Lab	53.9082, 12.3049, 3.0652

Details

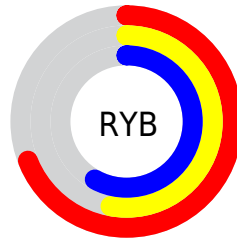
The YIQ color **149.5130, 20.9050, 12.1130** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **163.4870, -20.9050, -12.1130**, and the grayscale version is **150.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **204.1110, 22.0970, 12.5370**, and **98.6160, 19.1170, 11.4770** is the 20% darker color. If you saturate the color by 10%, you get **137.4650, 30.0280, 17.4840**, and if you desaturate by 10%, it is **161.5610, 11.7820, 6.7420**.

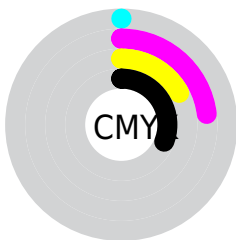
Distribution



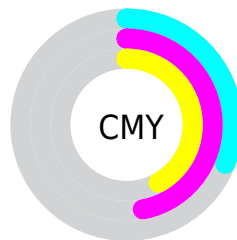
- Red (69%)
- Green (53%)
- Blue (58%)



- Red (69%)
- Yellow (53%)
- Blue (58%)



- Cyan (0%)
- Magenta (23%)
- Yellow (17%)
- Black (31%)



- Cyan (31%)
- Magenta (47%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 149.5130, 20.9050, 12.1130 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 149.5130, 20.9050, 12.1130 by changing the saturation by 10% instead.

■ 149.5130, 20.9050,
12.1130

■ 149.5130, 20.9050,
12.1130

■ 255.0000, -0.0000,
-0.0000

■ 123.2140, 20.3090,
11.9010

■ 203.5240, 22.3720,
13.0600

■ 98.6160, 19.1170,
11.4770

■ 229.7300, 18.7960,
11.7880

■ 74.0180, 17.9250,
11.0530

■ 249.7170, 2.4750,
4.7070

■ 51.3060, 17.0540,
10.3180

■ 29.4090, 15.2660,
9.6820

■ 9.9100, 18.1090,
7.7170

■ 0.0000, 0.0000,

0.0000

■ 149.5130, 20.9050,
12.1130

■ 149.5130, 20.9050,
12.1130

■ 137.4650, 30.0280,
17.4840

■ 161.5610, 11.7820,
6.7420

■ 126.0040, 38.8760,
22.3320

■ 173.0220, 2.9340,
1.8940

■ 113.9560, 47.9990,
27.7030

■ 185.0700, -6.1890,
-3.4770

■ 101.9080, 57.1220,
33.0740

■ 197.1180,
-15.3120, -8.8480

■ 89.8600, 66.2450,
38.4450

■ 209.1660,
-24.4350, -14.2190

■ 78.3990, 75.0930,
43.2930

■ 220.6270,
-33.2830, -19.0670

■ 66.3510, 84.2160,
48.6640

■ 229.7400,
-41.0310, -21.8230

■ 58.3950, 90.0840,
52.4520

■ 231.2220,
-45.2040, -17.7800

■ 231.6780,
-46.4880, -16.5360

Harmonies

Analogous

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



149.4070, 9.5800, 13.6120



149.5130, 20.9050, 12.1130



148.6890, 26.0410, 7.1370

Triad

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



149.5130, 20.9050, 12.1130



144.7750, 4.5870, -11.5490



142.4340, -30.5810, -1.9490

Complementary

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



149.5130, 20.9050, 12.1130



163.4870, -20.9050, -12.1130

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.



140.8480, -32.0470, -8.4230



149.5130, 20.9050, 12.1130



142.4080, -10.4970, -13.5130

Square

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



149.5130, 20.9050, 12.1130



146.1680, 16.7820, -6.7860



141.1060, -24.2060, -12.8620



145.6250, -20.6330, 4.9910

Rectangle

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



149.5130, 20.9050, 12.1130



148.0540, 26.2710, 2.9670



141.1060, -24.2060, -12.8620



142.0700, -32.5520, -4.7760

Sweetspot

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



149.5130, 20.9050, 12.1130



218.6530, 8.5270, 5.1590



149.3450, 4.1230, 18.8990



108.9190, 4.7220, 2.5300



242.0000, -0.0000, 0.0000



115.0000, -0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



149.5130, 20.9050, 12.1130



186.4870, 32.9620, 19.3780



153.5420, 21.9610, 3.9850



83.0330, 4.4010, 2.8410



50.4210, 78.0270, 45.1870



8.5720, 13.2490, 7.6890

Inverse Universe

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



149.5130, 20.9050, 12.1130



186.4870, 32.9620, 19.3780



159.4580, -21.9610, -3.9850



83.0330, 4.4010, 2.8410



50.4210, 78.0270, 45.1870



8.5720, 13.2490, 7.6890

Previews

White Background



This preview shows how the YIQ color 149.5130, 20.9050, 12.1130 looks on a white background.

Color Contrast Check

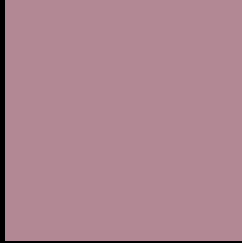
Large Text (above 18pt) WCAG AA ✓ Pass

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 149.5130, 20.9050, 12.1130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

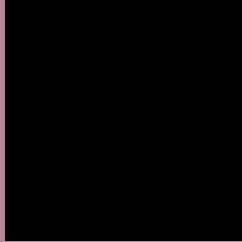
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 149.5130, 20.9050, 12.1130

Background



This preview shows how black text looks on a background with the YIQ color 149.5130, 20.9050, 12.1130.



This preview shows how white text looks on a background with the YIQ color 149.5130, 20.9050,

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

149.5130, 20.9050, 12.1130

Protanopia

147.3960, -1.0550, 2.6010

Deuteranopia

148.4360, 10.6360, 5.4840



Tritanopia

149.5130, 20.9050, 12.1130

Trichromacy



Original Color

149.5130, 20.9050, 12.1130

Protanomaly

148.1090, 7.2430, 6.4030

Deuteranomaly

148.7570, 14.1660, 7.5900

Tritanomaly

149.5130, 20.9050, 12.1130

Monochromacy



Original Color

149.5130, 20.9050, 12.1130

Achromatopsia

150.0000, -0.0000, -0.0000

Achromatomaly

149.9410, 7.6560, 4.4240

CSS Examples

Text

The CSS property to change the color of the text to YIQ 149.5130, 20.9050, 12.1130 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(177, 136, 147)` looks like.

```
.text, #text, p{  
    color:rgb(177, 136, 147)  
}
```

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(177, 136, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 136, 147) }
```

Border

The CSS property to change the border of an element to YIQ 149.5130, 20.9050, 12.1130 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(177, 136, 147) }
```


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

```
.border{ border-color:rgb(177, 136, 147) }
```

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

Here you see how a box with a 4 pixel rgb(177, 136, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 136, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 136, 147);  
box-shadow:4px 4px 4px 4px rgb(177, 136,  
147) }
```

Background

The CSS property to change the background color of an element to YIQ 149.5130, 20.9050, 12.1130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 136, 147) }
```

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

```
.background{ background-color: rgb(177,  
136, 147) }
```

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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