

Converting Colors

YIQ(104.3090, -24.8410,
-50.9290)

Have a look what the booklet for
YIQ(104.3090, -24.8410, -50.9290)
contains.

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Color

**YIQ(104.3090, -24.8410,
-50.9290)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 31902D |
| RGB | 49, 144, 45 |
| RGB Percent | 19%, 56%, 18% |
| CMY | 0.8081, 0.4351, 0.8235 |
| CMYK | 0.66, 0.00, 0.69, 0.44 |
| HSL | 118°, 52%, 37% |
| HSV | 118°, 69%, 56% |
| XYZ | 11.7159, 20.7991, 5.8792 |
| YIQ | 104.3090, -24.8410, -50.9290 |

Conversions

Conversions Part 2

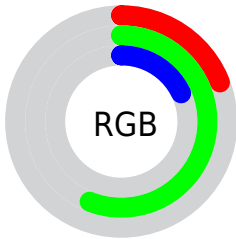
| Format | Color |
|-------------------------------------|---------------------------------|
| R_{YB} | 45, 144, 140 |
| Decimal | 3248173 |
| CIE _{Lab} | 52.73, -47.41, 42.90 |
| CIE _{LCh} | 53, 63.940, 137.854 |
| Yxy | 20.7991, 0.3051, 0.5417 |
| Android (android.graphics.Color) | 4281438253 (0xFF31902D) |
| YUV | 104.3090, -29.2393, -48.5060 |
| Hunter-Lab | 45.6060, -33.9550, 24.2810 |

Details

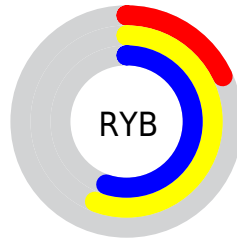
The YIQ color **104.3090, -24.8410, -50.9290** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **84.6910, 24.8410, 50.9290**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.7500, -21.7690, -51.5370**, and **54.0040, -25.3000, -48.1160** is the 20% darker color. If you saturate the color by 10%, you get **98.5270, -28.6910, -58.2510**, and if you desaturate by 10%, it is **110.0910, -20.9910, -43.6070**.

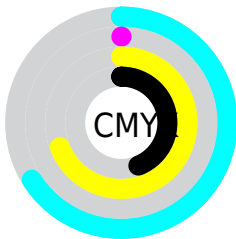
Distribution



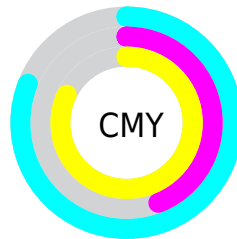
- Red (19%)
- Green (56%)
- Blue (18%)



- Red (18%)
- Yellow (56%)
- Blue (55%)



- Cyan (66%)
- Magenta (0%)
- Yellow (69%)
- Black (44%)



- Cyan (81%)
- Magenta (44%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 104.3090, -24.8410, -50.9290 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 104.3090, -24.8410, -50.9290 by changing the saturation by 10% instead.

■ 104.3090,
-24.8410, -50.9290

■ 104.3090,
-24.8410, -50.9290

■ 255.0000, -0.0000,
-0.0000

■ 72.6990, -34.9270,
-55.3670

■ 159.7500,
-21.7690, -51.5370

■ 54.0040, -25.3000,
-48.1160

■ 187.8210,
-20.5310, -51.9470

■ 39.9160, -18.7000,
-35.5640

■ 215.5930,
-19.8890, -52.5690

■ 26.4150, -12.3750,
-23.5350

■ 227.4560,
-11.5930, -37.7130

■ 9.9790, -4.6750,
-8.8910

■ 239.3190, -3.2970,
-22.8570

■ 0.0000, 0.0000,
0.0000

■ 251.4810, 5.5950,

-7.7890

■ 104.3090,
-24.8410, -50.9290

■ 104.3090,
-24.8410, -50.9290

■ 98.5270, -28.6910,
-58.2510

■ 110.0910,
-20.9910, -43.6070

■ 92.6310, -32.2200,
-65.8840

■ 115.9870,
-17.4620, -35.9740

■ 86.8490, -36.0700,
-73.2060

■ 121.4700,
-14.2080, -28.8640

■ 86.3220, -36.0240,
-74.0400

■ 127.3660,
-10.6790, -21.2310

■ 133.1480, -6.8290,
-13.9090

■ 138.9300, -2.9790,
-6.5870

■ 144.8260, 0.5500,
1.0460

■ 150.6080, 4.4000,
8.3680

■ 156.2050, 7.3330,
15.7890

Harmonies

Analogous

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



113.9510, 34.9450, -44.1190



104.3090, -24.8410, -50.9290



98.9770, -73.3960, -46.5160

Triad

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



104.3090, -24.8410, -50.9290



108.2690, -113.3390, 0.0770



118.1240, 83.1170, 41.0450

Complementary

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



104.3090, -24.8410, -50.9290



84.6910, 24.8410, 50.9290

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.



122.5780, 58.9520, 54.9840



104.3090, -24.8410, -50.9290



118.8890, -64.5140, 23.8220

Square

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



104.3090, -24.8410, -50.9290



110.4740, -107.1470, -13.0270



129.0960, 10.3990, 48.3430



120.1410, 83.3060, 10.0740

Rectangle

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



104.3090, -24.8410, -50.9290



104.4830, -86.1440, -35.7440



129.0960, 10.3990, 48.3430



118.4150, 78.1640, 48.2120

Sweetspot

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



104.3090, -24.8410, -50.9290



170.4910, -9.5330, -19.9730



129.7790, 33.1540, -28.1740



84.8000, -5.7290, -11.8170



222.0000, -0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



104.3090, -24.8410, -50.9290



124.1920, -38.7740, -79.2700



108.2430, -41.6700, -37.7820



68.4080, -1.3290, -3.4490



80.7400, -34.1450, -69.5450



4.6960, -2.2000, -4.1840

Inverse Universe

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



84.6910, 24.8410, 50.9290



93.8080, 38.7740, 79.2700



80.7570, 41.6700, 37.7820



66.8910, 1.9250, 3.6610



54.2600, 34.1450, 69.5450



3.0050, 1.6040, 3.9720

Previews

White Background



This preview shows how the YIQ color 104.3090, -24.8410, -50.9290 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 104.3090, -24.8410, -50.9290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

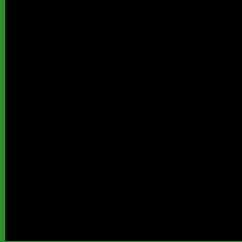
Any Text WCAG AA ✓ Pass

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 104.3090, -24.8410, -50.9290 Background



This preview shows how black text looks on a background with the YIQ color 104.3090, -24.8410, -50.9290.



This preview shows how white text looks on a background with the YIQ color 104.3090, -24.8410, -50.9290.

-50.9290.

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

104.3090, -24.8410, -50.9290

Protanopia

119.7950, 36.2250, -23.2550

Deuteranopia

122.3540, 42.3210, -12.5830



Tritanopia

117.9010, -39.5660, -9.8220

Trichromacy



Original Color

104.3090, -24.8410, -50.9290

Protanomaly

114.2650, 13.9900, -33.2900

Deuteranomaly

115.6340, 17.5650, -26.4910

Tritanomaly

112.8670, -34.1990, -24.4950

Monochromacy



Original Color

104.3090, -24.8410, -50.9290

Achromatopsia

104.0000, -0.0000, -0.0000

Achromatomaly

104.4310, -9.3040, -18.6160

CSS Examples

Text

The CSS property to change the color of the text to YIQ 104.3090, -24.8410, -50.9290 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(49, 144, 45)` looks like.

```
.text, #text, p{  
    color:rgb(49, 144, 45)  
}
```

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(49, 144, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 144, 45) }
```

Border

The CSS property to change the border of an element to YIQ 104.3090, -24.8410, -50.9290 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(49, 144, 45) }
```


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

```
.border{ border-color:rgb(49, 144, 45) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 144, 45)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 144, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 144, 45);  
box-shadow:4px 4px 4px 4px rgb(49, 144,  
45) }
```

Background

The CSS property to change the background color of an element to YIQ 104.3090, -24.8410, -50.9290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 144, 45) }
```

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

```
.background{ background-color: rgb(49, 144,  
45) }
```

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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