

Converting Colors

YIQ(109.3130, -37.5500,
-2.3020)

Have a look what the booklet for
YIQ(109.3130, -37.5500, -2.3020)
contains.

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Color

**YIQ(109.3130, -37.5500,
-2.3020)**

Conversions

Conversions Part 1

Format	Color
Hex	487993
RGB	72, 121, 147
RGB Percent	28%, 47%, 58%
CMY	0.7177, 0.5254, 0.4237
CMYK	0.51, 0.18, 0.00, 0.42
HSL	201°, 34%, 43%
HSV	201°, 51%, 58%
XYZ	14.7735, 17.1617, 30.1199
YIQ	109.3130, -37.5500, -2.3020

Conversions

Conversions Part 2

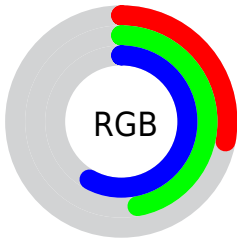
Format	Color
R_{YB}	72, 102, 147
Decimal	4749715
CIE _{Lab}	48.46, -9.02, -19.17
CIE _{LCh}	48, 21.189, 244.794
Yxy	17.1617, 0.2381, 0.2766
Android (android.graphics.Color)	4282939795 (0xFF487993)
YUV	109.3130, 18.5797, -32.7235
Hunter-Lab	41.4267, -8.8404, -14.1090

Details

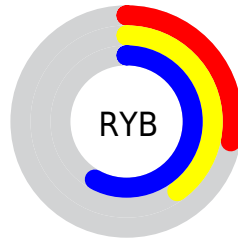
The YIQ color $109.3130, -37.5500, -2.3020$ is a dark color, and the websafe version is hex 336699 . A complement of this color would be $109.6870, 37.5500, 2.3020$, and the grayscale version is $109.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $161.8400, -37.5960, -1.4680$, and $56.7960, -43.4640, -5.2560$ is the 20% darker color. If you saturate the color by 10%, you get $101.8930, -45.1150, -2.8670$, and if you desaturate by 10%, it is $116.7330, -29.9850, -1.7370$.

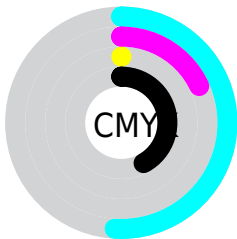
Distribution



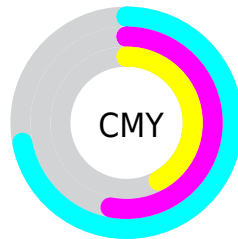
- Red (28%)
- Green (47%)
- Blue (58%)



- Red (28%)
- Yellow (40%)
- Blue (58%)



- Cyan (51%)
- Magenta (18%)
- Yellow (0%)
- Black (42%)



- Cyan (72%)
- Magenta (53%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 109.3130, -37.5500, -2.3020 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 109.3130, -37.5500, -2.3020 by changing the saturation by 10% instead.

■ 109.3130,
-37.5500, -2.3020

■ 109.3130,
-37.5500, -2.3020

■ 255.0000, -0.0000,
-0.0000

■ 83.6010, -38.4210,
-3.0370

■ 161.8400,
-37.5960, -1.4680

■ 57.3830, -43.7390,
-5.7790

■ 189.5410,
-38.1920, -1.6800

■ 37.5580, -36.8620,
-3.7580

■ 217.3130,
-37.5500, -2.3020

■ 22.7230, -24.0250,
0.3830

■ 240.9470,
-28.0120, -9.9640

■ 4.4800, -9.8590,
7.9730

■ 249.6180,
-10.7280, -3.8160

■ 0.0000, 0.0000,
0.0000

■ 109.3130,
-37.5500, -2.3020

■ 109.3130,
-37.5500, -2.3020

■ 101.8930,
-45.1150, -2.8670

■ 116.7330,
-29.9850, -1.7370

■ 94.7720, -52.0840,
-3.2200

■ 123.8540,
-23.0160, -1.3840

■ 87.3520, -59.6490,
-3.7850

■ 131.2740,
-15.4510, -0.8190

■ 79.9320, -67.2140,
-4.3500

■ 138.6940, -7.8860,
-0.2540

■ 73.1100, -73.5870,
-4.4910

■ 145.8150, -0.9170,
0.0990

■ 153.8220, 6.3730,
0.1410

■ 161.2420, 13.9380,
0.7060

■ 168.6620, 21.5030,

1.2710

 175.7830, 28.4720,
1.6240

Harmonies

Analogous

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



106.1180, -41.6750, -10.1470



109.3130, -37.5500, -2.3020



113.8960, -22.8340, 6.3340

Triad

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



109.3130, -37.5500, -2.3020



117.6060, 25.0770, 13.5970



111.8240, 2.8910, -13.8530

Complementary

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



109.3130, -37.5500, -2.3020



109.6870, 37.5500, 2.3020

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.



113.8860, 17.5160, -9.0760



109.3130, -37.5500, -2.3020



116.8420, 29.9840, 7.2640

Square

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



109.3130, -37.5500, -2.3020



117.8420, 12.7890, 16.0290



115.6040, 27.4180, -1.3020



109.4890, -15.2190, -16.0430

Rectangle

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



109.3130, -37.5500, -2.3020



116.5880, -10.0430, 11.3090



115.6040, 27.4180, -1.3020



112.6890, 7.7050, -12.9910

Sweetspot

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



109.3130, -37.5500, -2.3020



176.7580, -13.9380, -0.7060



118.8750, -28.6500, -31.4500



88.0960, -9.0780, -0.6780



224.0000, -0.0000, 0.0000



97.0000, -0.0000, 0.0000

Same Dimension

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



109.3130, -37.5500, -2.3020



132.8360, -58.1360, -3.6720



87.5940, -27.3750, 17.0490



70.1460, -3.3470, 0.0850



68.5620, -69.0480, -4.1520



5.2490, -5.1350, -0.5510

Inverse Universe

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



100.0110, 28.9710, 31.1390



118.3480, 44.7400, 48.2280



130.8190, 27.6500, -16.5260



69.5490, 2.8880, 2.7280



51.5220, 53.3580, 57.2460



3.7880, 3.7130, 4.2970

Previews

White Background



This preview shows how the YIQ color 109.3130, -37.5500, -2.3020 looks on a white 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

Black Background



This preview shows how the YIQ color 109.3130, -37.5500, -2.3020 looks on a black 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

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

YIQ 109.3130, -37.5500, -2.3020

Background



This preview shows how black text looks on a background with the YIQ color 109.3130, -37.5500, -2.3020.



This preview shows how white text looks on a background with the YIQ color 109.3130, -37.5500,

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

109.3130, -37.5500, -2.3020

Protanopia

114.8110, -12.2890, 7.9590

Deuteranopia

115.3100, -15.1320, 9.9240



Tritanopia

107.3960, -36.5860, -8.7620

Trichromacy



Original Color

109.3130, -37.5500, -2.3020

Protanomaly

112.9130, -21.5040, 4.2560

Deuteranomaly

113.0700, -23.3840, 5.2880

Tritanomaly

107.9770, -36.7240, -6.2600

Monochromacy



Original Color

109.3130, -37.5500, -2.3020

Achromatopsia

109.0000, -0.0000, 0.0000

Achromatomaly

109.0570, -13.3420, -0.4940

CSS Examples

Text

The CSS property to change the color of the text to YIQ 109.3130, -37.5500, -2.3020 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(72, 121, 147)` looks like.

```
.text, #text, p{  
    color:rgb(72, 121, 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(72, 121, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 121, 147) }
```

Border

The CSS property to change the border of an element to YIQ 109.3130, -37.5500, -2.3020 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(72, 121, 147) }
```


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

```
.border{ border-color:rgb(72, 121, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 121, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 121, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 121, 147);  
box-shadow:4px 4px 4px 4px rgb(72, 121,  
147) }
```

Background

The CSS property to change the background color of an element to YIQ 109.3130, -37.5500, -2.3020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 121, 147) }
```

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

```
.background{ background-color: rgb(72, 121,  
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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