

Converting Colors

YIQ(9.2250, -4.5870, 11.5490)

Have a look what the booklet for
YIQ(9.2250, -4.5870, 11.5490)
contains.

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Color

**YIQ(9.2250, -4.5870,
11.5490)**

Conversions

Conversions Part 1

Format	Color
Hex	0C0322
RGB	12, 3, 34
RGB Percent	5%, 1%, 13%
CMY	0.9529, 0.9882, 0.8667
CMYK	0.65, 0.91, 0.00, 0.87
HSL	257°, 84%, 7%
HSV	257°, 91%, 13%
XYZ	0.4729, 0.2587, 1.5376
YIQ	9.2250, -4.5870, 11.5490

Conversions

Conversions Part 2

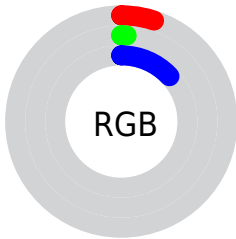
Format	Color
R_{YB}	12, 3, 34
Decimal	787234
CIE Lab	2.34, 9.30, -16.73
CIE LCh	2, 19.137, 299.068
Yxy	0.2587, 0.2084, 0.1140
Android (android.graphics.Color)	4278977314 (0xFF0C0322)
YUV	9.2250, 12.2141, 2.4337
Hunter-Lab	5.0864, 7.6934, -14.3624

Details

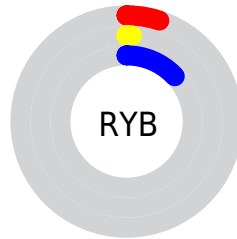
The YIQ color **9.2250, -4.5870, 11.5490** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **27.7750, 4.5870, -11.5490**, and the grayscale version is **9.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **54.3880, -6.6040, 9.5560**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **6.8660, -4.9540, 12.6940**, and if you desaturate by 10%, it is **11.5840, -4.2200, 10.4040**.

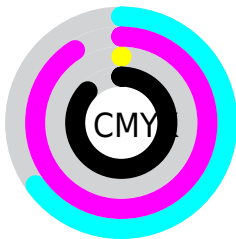
Distribution



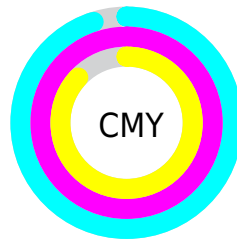
- Red (5%)
- Green (1%)
- Blue (13%)



- Red (5%)
- Yellow (1%)
- Blue (13%)



- Cyan (65%)
- Magenta (91%)
- Yellow (0%)
- Black (87%)



- Cyan (95%)
- Magenta (99%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 9.2250, -4.5870, 11.5490 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 9.2250, -4.5870, 11.5490 by changing the saturation by 10% instead.

■ 9.2250, -4.5870,
11.5490

■ 9.2250, -4.5870,
11.5490

■ 234.0570, -4.1740,
9.5700

■ 1.0260, -2.8890,
2.7990

■ 54.3880, -6.6040,
9.5560

■ 0.0000, 0.0000,
0.0000

■ 76.9150, -6.6500,
10.3900

■ 101.3280, -6.3750,
10.9130

■ 126.4420, -6.6960,
11.2240

■ 152.5560, -7.0170,
11.5350

■ 179.0830, -7.0630,

12.3690

■ 206.4960, -6.7880,
12.8920

■ 9.2250, -4.5870,
11.5490

■ 9.2250, -4.5870,
11.5490

■ 6.8660, -4.9540,
12.6940

■ 11.5840, -4.2200,
10.4040

■ 14.8290, -3.5320,
8.9480

■ 17.1880, -3.1650,
7.8030

■ 20.4330, -2.4770,
6.3470

■ 22.7920, -2.1100,
5.2020

■ 25.1510, -1.7430,
4.0570

■ 28.3960, -1.0550,
2.6010

■ 30.7550, -0.6880,
1.4560

■ 34.0000, -0.0000,
0.0000

Harmonies

Analogous

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



10.6750, -14.9020, 5.7540



9.2250, -4.5870, 11.5490



11.6350, 8.9380, 14.2340

Triad

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



9.2250, -4.5870, 11.5490



8.3720, 16.6880, 5.9360



9.6030, -6.3720, -5.6680

Complementary

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



9.2250, -4.5870, 11.5490



27.7750, 4.5870, -11.5490

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.



8.8050, -4.1250, -7.8450



9.2250, -4.5870, 11.5490



8.8820, 6.1440, -1.2160

Square

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



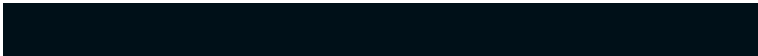
9.2250, -4.5870, 11.5490



10.7640, 21.4560, 7.6320



8.8050, -4.1250, -7.8450



12.1280, -12.1040, -0.9040

Rectangle

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



9.2250, -4.5870, 11.5490



12.1040, 14.8070, 12.4950



8.8050, -4.1250, -7.8450

Sweetspot

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



9.2250, -4.5870, 11.5490



34.1510, -1.7430, 4.0570



19.4480, -16.0010, -1.8650



17.3960, -1.0550, 2.6010



150.0000, -0.0000, -0.0000



23.0000, 0.0000, -0.0000

Same Dimension

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



9.2250, -4.5870, 11.5490



8.7890, -6.0550, 16.1290



13.7100, 4.3530, 14.7290



16.5270, -0.0460, 0.8340



16.5240, -12.0180, 30.5900



42.0650, -30.7330, 77.9310

Inverse Universe

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



14.7770, 11.4140, 13.4140



16.3910, 15.6770, 18.7570



23.2900, -4.3530, -14.7290



16.7120, 0.8710, 0.7350



31.1300, 30.2540, 35.4220



79.3630, 77.0560, 90.3360

Previews

White Background



This preview shows how the YIQ color 9.2250, -4.5870, 11.5490 looks on a white background.

Color Contrast Check

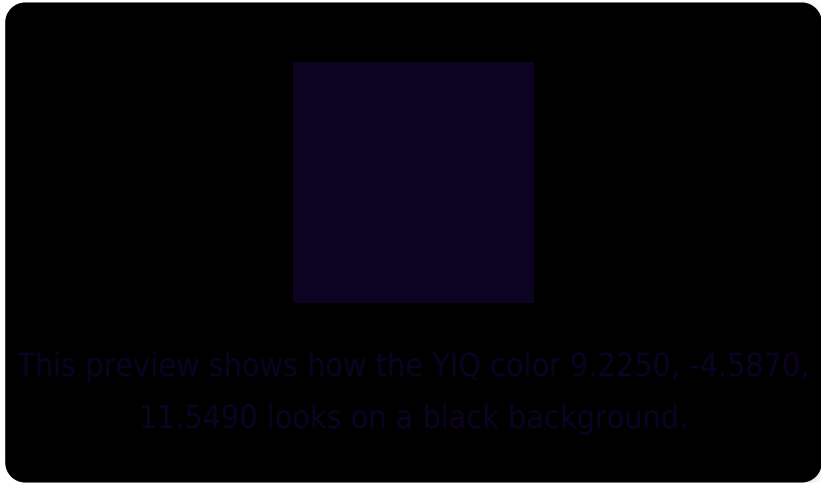
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

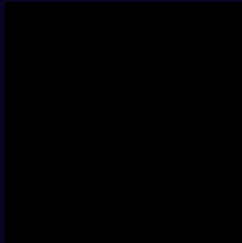
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 9.2250, -4.5870, 11.5490

Background



This preview shows how black text looks on a background with the YIQ color 9.2250, -4.5870, 11.5490.



This preview shows how white text looks on a background with the YIQ color 9.2250, -4.5870,

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

9.2250, -4.5870, 11.5490

Protanopia

9.1930, -10.7290, 1.7110

Deuteranopia

9.3240, -9.7200, -0.0560



Tritanopia

9.2270, -8.0690, -2.4450

Trichromacy



Original Color

9.2250, -4.5870, 11.5490

Protanomaly

9.0840, -8.8040, 5.3720

Deuteranomaly

9.3290, -8.1160, 3.9160

Tritanomaly

8.8730, -6.8320, 2.6720

Monochromacy



Original Color

9.2250, -4.5870, 11.5490

Achromatopsia

9.0000, -0.0000, 0.0000

Achromatomaly

9.1510, -1.7430, 4.0570

CSS Examples

Text

The CSS property to change the color of the text to YIQ 9.2250, -4.5870, 11.5490 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(12, 3, 34)` looks like.

```
.text, #text, p{  
    color:rgb(12, 3, 34)  
}
```

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(12, 3, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 3, 34) }
```

Border

The CSS property to change the border of an element to YIQ 9.2250, -4.5870, 11.5490 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(12, 3, 34) }
```


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

```
.border{ border-color:rgb(12, 3, 34) }
```

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

Here you see how a box with a 4 pixel `rgb(12, 3, 34)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 3, 34); -webkit-box-shadow:4px  
4px 4px 4px rgb(12, 3, 34); box-shadow:4px  
4px 4px 4px rgb(12, 3, 34) }
```

Background

The CSS property to change the background color of an element to YIQ 9.2250, -4.5870, 11.5490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 3, 34) }
```

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

```
.background{ background-color: rgb(12, 3,  
34) }
```

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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