

Converting Colors

YIQ(41.5310, 21.6350, 31.9310)

Have a look what the booklet for
YIQ(41.5310, 21.6350, 31.9310)
contains.

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Color

**YIQ(41.5310, 21.6350,
31.9310)**

Conversions

Conversions Part 1

Format	Color
Hex	520F48
RGB	82, 15, 72
RGB Percent	32%, 6%, 28%
CMY	0.6782, 0.9413, 0.7176
CMYK	0.00, 0.82, 0.12, 0.68
HSL	309°, 69%, 19%
HSV	309°, 82%, 32%
XYZ	4.8245, 2.6049, 6.3812
YIQ	41.5310, 21.6350, 31.9310

Conversions

Conversions Part 2

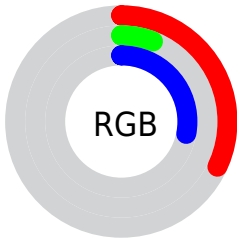
Format	Color
RYB	82, 15, 72
Decimal	5377864
CIELab	18.39, 36.91, -18.40
CIElCh	18, 41.242, 333.505
Yxy	2.6049, 0.3493, 0.1886
Android (android.graphics.Color)	4283567944 (0xFF520F48)
YUV	41.5310, 15.0212, 35.4913
Hunter-Lab	16.1398, 25.1120, -12.1437

Details

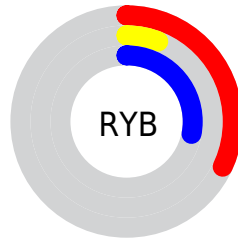
The YIQ color **41.5310, 21.6350, 31.9310** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **55.4690, -21.6350, -31.9310**, and the grayscale version is **41.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **92.6020, 22.8730, 31.5210**, and **14.3690, 12.7430, 16.8630** is the 20% darker color. If you saturate the color by 10%, you get **36.7210, 24.1560, 35.8040**, and if you desaturate by 10%, it is **46.3410, 19.1140, 28.0580**.

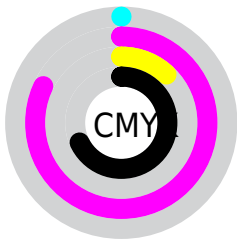
Distribution



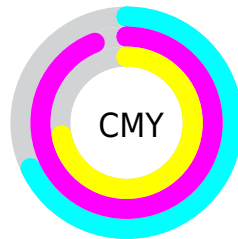
- Red (32%)
- Green (6%)
- Blue (28%)



- Red (32%)
- Yellow (6%)
- Blue (28%)



- Cyan (0%)
- Magenta (82%)
- Yellow (12%)
- Black (68%)



- Cyan (68%)
- Magenta (94%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 41.5310, 21.6350, 31.9310 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 41.5310, 21.6350, 31.9310 by changing the saturation by 10% instead.

41.5310, 21.6350,
31.9310

41.5310, 21.6350,
31.9310

255.0000, -0.0000,
-0.0000

22.6290, 18.2430,
27.3230

92.6020, 22.8730,
31.5210

14.3690, 12.7430,
16.8630

118.3140, 23.7440,
32.2560

0.0000, 0.0000,
0.0000

144.3250, 25.2110,
33.2030


171.7380, 25.4860,
33.7260


199.4500, 26.3570,
34.4610


220.9540, 15.9500,


30.3340


 237.9770, 7.9750,
15.1670


 41.5310, 21.6350,
31.9310


 41.5310, 21.6350,
31.9310


 36.7210, 24.1560,
35.8040


 46.3410, 19.1140,
28.0580

 32.4980, 26.4020,
39.1540

 51.1510, 16.5930,
24.1850

 56.6620, 13.4760,
20.1000

 61.4720, 10.9550,
16.2270

 66.2820, 8.4340,
12.3540

■ 71.0920, 5.9130,
8.4810

■ 76.0160, 3.0710,
4.9190

■ 81.4130, 0.2750,
0.5230

■ 86.2230, -2.2460,
-3.3500

Harmonies

Analogous

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



45.1290, -12.7040, 20.9920



41.5310, 21.6350, 31.9310



33.3070, 42.8170, 33.5130

Triad

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



41.5310, 21.6350, 31.9310



42.2620, 19.2130, -12.2990



42.2370, -40.3920, -5.8640

Complementary

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



41.5310, 21.6350, 31.9310



55.4690, -21.6350, -31.9310

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.



38.9310, -31.0830, -14.8830



41.5310, 21.6350, 31.9310



37.4010, -0.5920, -22.3200

Square

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



41.5310, 21.6350, 31.9310



41.8070, 37.0920, -0.4120



34.6960, -20.5360, -24.3120



43.5710, -46.9040, 2.0240

Rectangle

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



41.5310, 21.6350, 31.9310



34.5490, 47.5870, 24.1550



34.6960, -20.5360, -24.3120



41.2110, -37.5030, -8.6630

Sweetspot

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



41.5310, 21.6350, 31.9310



90.6950, 8.7090, 12.8770



25.3290, -16.1430, 22.7450



43.6790, 5.6380, 7.9580



181.0000, -0.0000, 0.0000



54.0000, -0.0000, 0.0000

Same Dimension

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



41.5310, 21.6350, 31.9310



43.5410, 34.0110, 49.9390



37.8830, 31.9070, 21.9790



38.5380, 1.4210, 1.7810



41.5410, 34.0110, 49.9390



91.8260, 75.0350, 110.4510

Inverse Universe

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



41.5310, 21.6350, 31.9310



43.5410, 34.0110, 49.9390



59.1170, -31.9070, -21.9790



38.5380, 1.4210, 1.7810



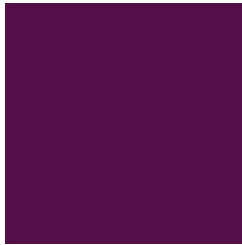
41.5410, 34.0110, 49.9390



91.8260, 75.0350, 110.4510

Previews

White Background



This preview shows how the YIQ color 41.5310, 21.6350, 31.9310 looks on a white background.

Color Contrast Check

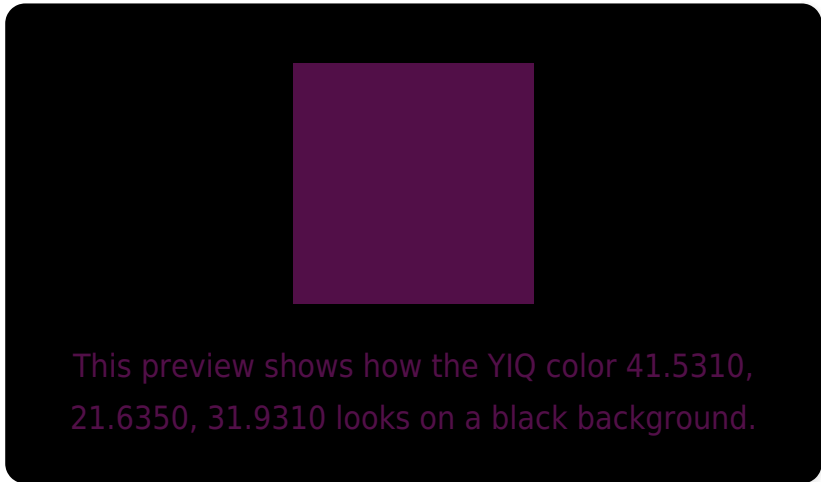
Large Text (above 18pt) WCAG AA ✓ Pass

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

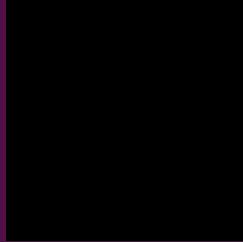
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 41.5310, 21.6350, 31.9310

Background



This preview shows how black text looks on a background with the YIQ color 41.5310, 21.6350, 31.9310.



This preview shows how white text looks on a background with the YIQ color 41.5310, 21.6350,

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

41.5310, 21.6350, 31.9310

Protanopia

37.3590, -43.1910, 6.3210

Deuteranopia

47.0020, -11.5090, 4.8350



Tritanopia

45.2810, 27.3700, 10.5860

Trichromacy



Original Color

41.5310, 21.6350, 31.9310

Protanomaly

38.8460, -19.3970, 15.6350

Deuteranomaly

44.8560, 1.0060, 14.8140

Tritanomaly

43.6540, 25.1220, 18.2900

Monochromacy



Original Color

41.5310, 21.6350, 31.9310

Achromatopsia

42.0000, -0.0000, -0.0000

Achromatomaly

41.8690, 8.1590, 11.8310

CSS Examples

Text

The CSS property to change the color of the text to YIQ 41.5310, 21.6350, 31.9310 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(82, 15, 72)` looks like.

```
.text, #text, p{  
  color:rgb(82, 15, 72)  
}
```

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(82, 15, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 15, 72) }
```

Border

The CSS property to change the border of an element to YIQ 41.5310, 21.6350, 31.9310 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(82, 15, 72) }
```


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

```
.border{ border-color:rgb(82, 15, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 15, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 15, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 15, 72);  
box-shadow:4px 4px 4px 4px rgb(82, 15, 72)  
}
```

Background

The CSS property to change the background color of an element to YIQ 41.5310, 21.6350, 31.9310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 15, 72) }
```

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

```
.background{ background-color: rgb(82, 15,  
72) }
```

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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