

Converting Colors

YIQ(47.1220, 15.5370, 32.3130)

Have a look what the booklet for
YIQ(47.1220, 15.5370, 32.3130)
contains.

YIQ(47.1220, 15.5370, 32.3130)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(47.1220, 15.5370,
32.3130)**

Conversions

Conversions Part 1

Format	Color
Hex	521655
RGB	82, 22, 85
RGB Percent	32%, 9%, 33%
CMY	0.6782, 0.9138, 0.6667
CMYK	0.03, 0.74, 0.00, 0.67
HSL	297°, 59%, 21%
HSV	297°, 74%, 33%
XYZ	5.4100, 3.0247, 8.8937
YIQ	47.1220, 15.5370, 32.3130

Conversions

Conversions Part 2

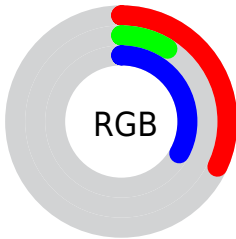
Format	Color
R_{YB}	82, 22, 85
Decimal	5379669
CIE _{Lab}	20.14, 36.55, -24.46
CIE _{LCh}	20, 43.978, 326.204
Yxy	3.0247, 0.3122, 0.1746
Android (android.graphics.Color)	4283569749 (0xFF521655)
YUV	47.1220, 18.6739, 30.5880
Hunter-Lab	17.3917, 25.0898, -18.1453

Details

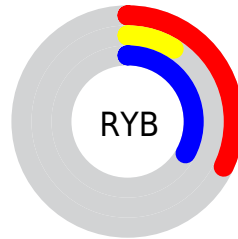
The YIQ color **47.1220, 15.5370, 32.3130** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **59.8780, -15.5370, -32.3130**, and the grayscale version is **47.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **97.1330, 17.0040, 33.2600**, and **15.9220, 9.8080, 20.4960** is the 20% darker color. If you saturate the color by 10%, you get **41.8390, 18.0120, 37.0200**, and if you desaturate by 10%, it is **51.8180, 13.3370, 28.1290**.

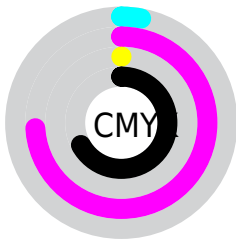
Distribution



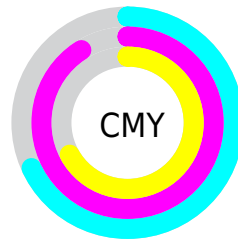
- Red (32%)
- Green (9%)
- Blue (33%)



- Red (32%)
- Yellow (9%)
- Blue (33%)



- Cyan (3%)
- Magenta (74%)
- Yellow (0%)
- Black (67%)



- Cyan (68%)
- Magenta (91%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 47.1220, 15.5370, 32.3130 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 47.1220, 15.5370, 32.3130 by changing the saturation by 10% instead.

47.1220, 15.5370,
32.3130

47.1220, 15.5370,
32.3130

255.0000, -0.0000,
-0.0000

24.1110, 14.0700,
31.3660

97.1330, 17.0040,
33.2600

15.9220, 9.8080,
20.4960

122.8450, 17.8750,
33.9950

2.5250, -5.7320,
4.7640

149.3720, 17.8290,
34.8290


0.0000, 0.0000,
0.0000


176.3830, 19.2960,
35.7760


204.2090, 19.8460,
36.8220


224.4760, 14.3000,


27.1960


 241.4990, 6.3250,
12.0290

 47.1220, 15.5370,
32.3130


 47.1220, 15.5370,
32.3130


 41.8390, 18.0120,
37.0200


 51.8180, 13.3370,
28.1290

 36.8440, 19.6160,
40.9920

 57.4000, 11.4580,
23.6340

 33.9090, 20.9910,
43.6070

 62.0960, 9.2580,
19.4500

 67.6780, 7.3790,
14.9550

 72.3740, 5.1790,
10.7710

■ 77.6570, 2.7040,
6.0640

■ 82.6520, 1.1000,
2.0920

■ 87.9350, -1.3750,
-2.6150

■ 92.9300, -2.9790,
-6.5870

Harmonies

Analogous

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



46.4200, -26.8250, 18.0950



47.1220, 15.5370, 32.3130



36.3550, 42.8620, 38.2060

Triad

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



47.1220, 15.5370, 32.3130



46.1380, 25.4940, -10.4900



45.0580, -41.4460, -8.7900

Complementary

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



47.1220, 15.5370, 32.3130



59.8780, -15.5370, -32.3130

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.



41.2960, -30.8530, -19.0530



47.1220, 15.5370, 32.3130



42.4510, 5.1390, -21.5570

Square

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



47.1220, 15.5370, 32.3130



44.5090, 43.9230, 2.4430



36.0180, -18.7470, -29.2030



46.8480, -49.2420, 0.3420

Rectangle

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



47.1220, 15.5370, 32.3130



35.1460, 50.5200, 31.5760



36.0180, -18.7470, -29.2030



43.9180, -38.2360, -11.9000

Sweetspot

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



47.1220, 15.5370, 32.3130



95.6130, 6.0040, 12.3400



30.9430, -21.0480, 18.0240



47.4830, 3.2540, 7.1100



184.0000, 0.0000, -0.0000



56.0000, -0.0000, 0.0000

Same Dimension

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



47.1220, 15.5370, 32.3130



50.9790, 23.9700, 50.1940



44.8270, 26.3130, 24.2410



40.6520, 1.1000, 2.0920



42.6960, 26.4450, 54.9010



93.7660, 58.0690, 120.5730

Inverse Universe

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



41.1790, 36.5850, 14.2890



41.8720, 56.8030, 22.3310



62.1730, -26.3130, -24.2410



40.1960, 2.3840, 0.8480



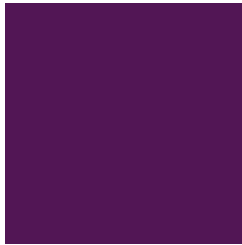
32.5630, 62.1670, 24.2390



71.5190, 136.5290, 53.2410

Previews

White Background



This preview shows how the YIQ color 47.1220, 15.5370, 32.3130 looks on a white background.

Color Contrast Check

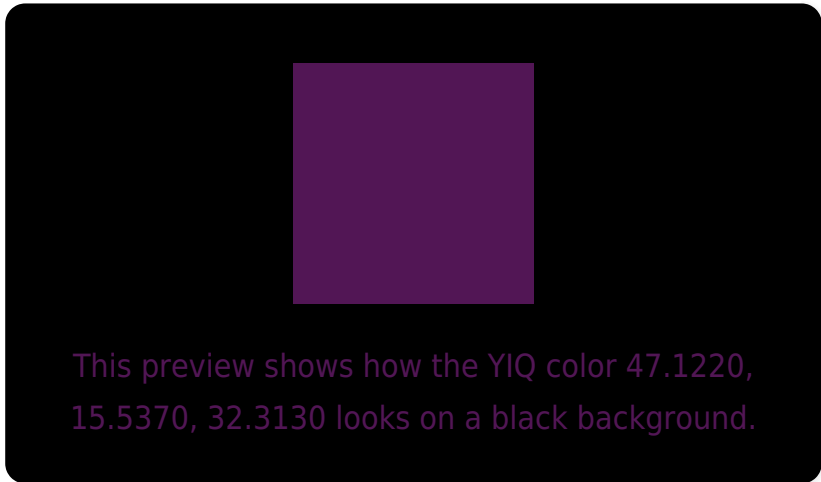
Large Text (above 18pt) WCAG AA ✓ Pass

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

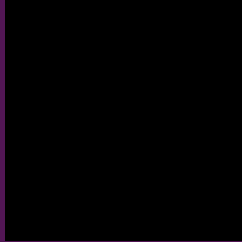
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 47.1220, 15.5370, 32.3130

Background



This preview shows how black text looks on a background with the YIQ color 47.1220, 15.5370, 32.3130.



This preview shows how white text looks on a background with the YIQ color 47.1220, 15.5370,

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

47.1220, 15.5370, 32.3130

Protanopia

39.9180, -46.2630, 6.9290

Deuteranopia

48.1520, -20.6790, 5.8250



Tritanopia

50.0030, 22.2810, 9.2010

Trichromacy



Original Color

47.1220, 15.5370, 32.3130

Protanomaly

42.8070, -23.6610, 15.8190

Deuteranomaly

47.7780, -7.5220, 15.1820

Tritanomaly

48.9030, 19.9870, 17.7390

Monochromacy



Original Color

47.1220, 15.5370, 32.3130

Achromatopsia

47.0000, 0.0000, 0.0000

Achromatomaly

47.2000, 5.7290, 11.8170

CSS Examples

Text

The CSS property to change the color of the text to YIQ 47.1220, 15.5370, 32.3130 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, 22, 85)` looks like.

```
.text, #text, p{  
    color:rgb(82, 22, 85)  
}
```

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, 22, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 22, 85) }
```

Border

The CSS property to change the border of an element to YIQ 47.1220, 15.5370, 32.3130 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, 22, 85) }
```


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

```
.border{ border-color:rgb(82, 22, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 22, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 22, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 22, 85);  
box-shadow:4px 4px 4px 4px rgb(82, 22, 85)  
}
```

Background

The CSS property to change the background color of an element to YIQ 47.1220, 15.5370, 32.3130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 22, 85) }
```

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

```
.background{ background-color: rgb(82, 22,  
85) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor