

Converting Colors

YIQ(42.6280, 1.6480, 14.1920)

Have a look what the booklet for
YIQ(42.6280, 1.6480, 14.1920)
contains.

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Color

**YIQ(42.6280, 1.6480,
14.1920)**

Conversions

Conversions Part 1

Format	Color
Hex	352141
RGB	53, 33, 65
RGB Percent	21%, 13%, 25%
CMY	0.7921, 0.8706, 0.7451
CMYK	0.18, 0.49, 0.00, 0.75
HSL	278°, 33%, 19%
HSV	278°, 49%, 25%
XYZ	2.9667, 2.2262, 5.2737
YIQ	42.6280, 1.6480, 14.1920

Conversions

Conversions Part 2

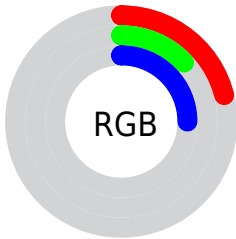
Format	Color
R_YB	53, 33, 65
Decimal	3481921
CIE _{Lab}	16.63, 16.77, -16.64
CIE _{LCh}	17, 23.627, 315.226
Yxy	2.2262, 0.2834, 0.2127
Android (android.graphics.Color)	4281672001 (0xFF352141)
YUV	42.6280, 11.0294, 9.0962
Hunter-Lab	14.9205, 9.3815, -10.5118

Details

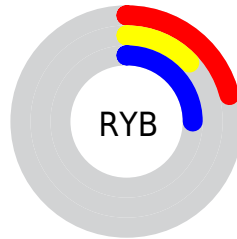
The YIQ color **42.6280, 1.6480, 14.1920** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **55.3720, -1.6480, -14.1920**, and the grayscale version is **43.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **88.5680, 1.8770, 15.5490**, and **2.5080, -7.0620, 6.8420** is the 20% darker color. If you saturate the color by 10%, you get **37.9210, 2.3810, 17.4290**, and if you desaturate by 10%, it is **46.7480, 1.1900, 11.4780**.

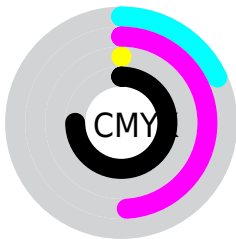
Distribution



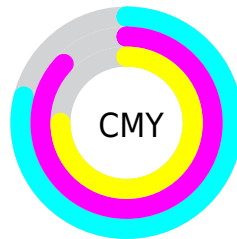
- Red (21%)
- Green (13%)
- Blue (25%)



- Red (21%)
- Yellow (13%)
- Blue (25%)



- Cyan (18%)
- Magenta (49%)
- Yellow (0%)
- Black (75%)



- Cyan (79%)
- Magenta (87%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 42.6280, 1.6480, 14.1920 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 42.6280, 1.6480, 14.1920 by changing the saturation by 10% instead.

■ 42.6280, 1.6480,
14.1920

■ 42.6280, 1.6480,
14.1920

■ 255.0000, -0.0000,
-0.0000

■ 21.2150, 1.3730,
13.6690

■ 88.5680, 1.8770,
15.5490

■ 2.5080, -7.0620,
6.8420

■ 113.3940, 2.4270,
16.5950

■ 0.0000, 0.0000,
0.0000

■ 138.8070, 2.7020,
17.1180


■ 165.2200, 2.9770,
17.6410

■ 192.3340, 2.6560,
17.9520


■ 220.1600, 3.2060,

18.9980


 243.8470, 5.2250,
9.9370

 42.6280, 1.6480,
14.1920

 42.6280, 1.6480,
14.1920


 37.9210, 2.3810,
17.4290

 46.7480, 1.1900,
11.4780


 33.5020, 2.2430,
19.9310


 51.7540, 1.0530,
8.4530


 28.7950, 2.9760,
23.1680

 55.8740, 0.5950,
5.7390

 24.3760, 2.8380,
25.6700

 60.8800, 0.4580,
2.7140

 19.6690, 3.5710,
28.9070

 65.0000, -0.0000,
-0.0000

■ 70.0060, -0.1370,
-3.0250

■ 74.1260, -0.5950,
-5.7390

■ 78.8330, -1.3280,
-8.9760

■ 83.2520, -1.1900,
-11.4780

Harmonies

Analogous

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



39.6900, -19.2580, 7.6060



42.6280, 1.6480, 14.1920



41.8810, 17.0530, 15.8450

Triad

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



42.6280, 1.6480, 14.1920



39.2180, 22.5130, -6.0230



34.3490, -29.2040, -10.3880

Complementary

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



42.6280, 1.6480, 14.1920



55.3720, -1.6480, -14.1920

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.



32.4110, -23.7470, -15.6750



42.6280, 1.6480, 14.1920



38.1410, 12.2440, -12.6520

Square

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



42.6280, 1.6480, 14.1920



40.5810, 26.2250, 3.8010



36.2900, -4.3530, -14.7290



35.5860, -34.0650, -4.8890

Rectangle

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



42.6280, 1.6480, 14.1920



41.2360, 23.2430, 13.7950



36.2900, -4.3530, -14.7290



33.7790, -27.5990, -11.9430

Sweetspot

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



42.6280, 1.6480, 14.1920



75.4610, 0.3200, 5.2160



43.6920, -13.5720, 3.6760



37.9940, 0.1370, 3.0250



171.0000, -0.0000, -0.0000



43.0000, -0.0000, -0.0000

Same Dimension

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



42.6280, 1.6480, 14.1920



49.8550, 2.7470, 21.8110



45.7600, 10.0840, 15.4920



30.9400, 0.2290, 1.3570



29.2970, 5.2190, 43.0990



67.3960, 11.5360, 99.3440

Inverse Universe

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



43.9360, 15.2200, 10.5160



51.7030, 23.4260, 15.9860



52.2400, -10.0840, -15.4920



31.0110, 1.4670, 0.9470



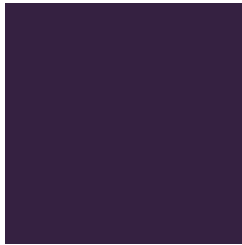
33.1070, 46.2560, 31.7600



76.5520, 106.5400, 73.6120

Previews

White Background



This preview shows how the YIQ color 42.6280, 1.6480, 14.1920 looks on a white background.

Color Contrast Check

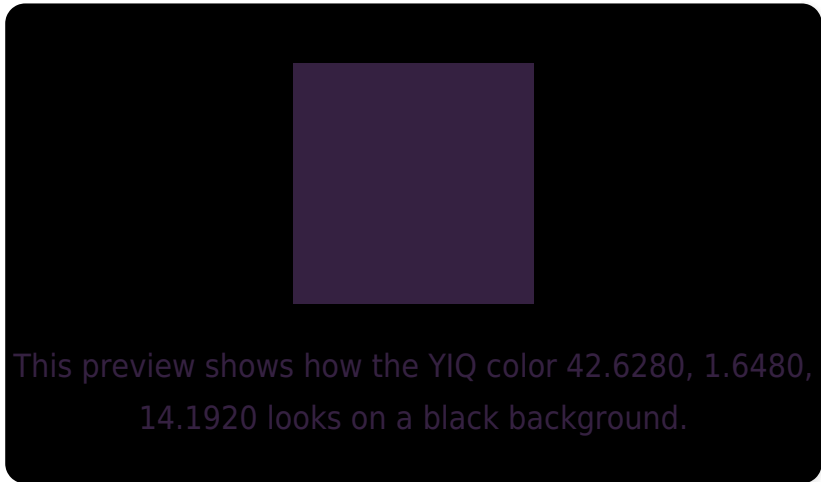
Large Text (above 18pt) WCAG AA ✓ Pass

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 42.6280, 1.6480, 14.1920

Background



This preview shows how black text looks on a background with the YIQ color 42.6280, 1.6480, 14.1920.



This preview shows how white text looks on a background with the YIQ color 42.6280, 1.6480,

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

42.6280, 1.6480, 14.1920

Protanopia

40.0600, -17.4240, 7.4080

Deuteranopia

40.5180, -13.0220, 4.7220



Tritanopia

42.3320, 4.9970, 3.0530

Trichromacy



Original Color

42.6280, 1.6480, 14.1920

Protanomaly

40.6480, -10.2720, 9.9520

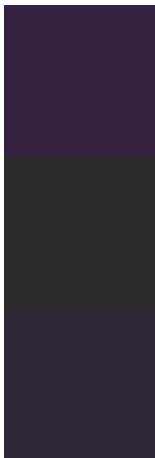
Deuteranomaly

41.2630, -7.7500, 8.2980

Tritanomaly

42.3690, 3.5750, 6.7990

Monochromacy



Original Color

42.6280, 1.6480, 14.1920

Achromatopsia

43.0000, -0.0000, -0.0000

Achromatomaly

42.7600, 0.9160, 5.4280

CSS Examples

Text

The CSS property to change the color of the text to YIQ 42.6280, 1.6480, 14.1920 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(53, 33, 65)` looks like.

```
.text, #text, p{  
    color:rgb(53, 33, 65)  
}
```

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(53, 33, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 33, 65) }
```

Border

The CSS property to change the border of an element to YIQ 42.6280, 1.6480, 14.1920 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(53, 33, 65) }
```


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

```
.border{ border-color:rgb(53, 33, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 33, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 33, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 33, 65);  
box-shadow:4px 4px 4px 4px rgb(53, 33, 65)  
}
```

Background

The CSS property to change the background color of an element to YIQ 42.6280, 1.6480, 14.1920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 33, 65) }
```

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

```
.background{ background-color: rgb(53, 33,  
65) }
```

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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