

Converting Colors

YIQ(42.1020, 27.4570, 36.5530)

Have a look what the booklet for
YIQ(42.1020, 27.4570, 36.5530)
contains.

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Color

**YIQ(42.1020, 27.4570,
36.5530)**

Conversions

Conversions Part 1

Format	Color
Hex	5B0B4A
RGB	91, 11, 74
RGB Percent	36%, 4%, 29%
CMY	0.6429, 0.9570, 0.7097
CMYK	0.00, 0.88, 0.19, 0.64
HSL	313°, 79%, 20%
HSV	313°, 88%, 36%
XYZ	5.6760, 2.9603, 6.7535
YIQ	42.1020, 27.4570, 36.5530

Conversions

Conversions Part 2

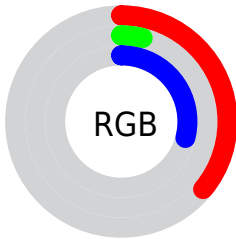
Format	Color
RYB	91, 11, 74
Decimal	5966666
CIELab	19.88, 40.76, -17.30
CIELCh	20, 44.281, 337.004
Yxy	2.9603, 0.3688, 0.1924
Android (android.graphics.Color)	4284156746 (0xFF5B0B4A)
YUV	42.1020, 15.7257, 42.8835
Hunter-Lab	17.2056, 28.7761, -11.2285

Details

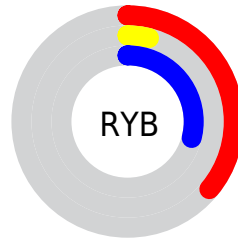
The YIQ color **42.1020, 27.4570, 36.5530** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **59.8980, -27.4570, -36.5530**, and the grayscale version is **42.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **95.2330, 28.4660, 34.7860**, and **16.9890, 16.8690, 19.1810** is the 20% darker color. If you saturate the color by 10%, you get **36.5910, 30.5740, 40.6380**, and if you desaturate by 10%, it is **47.6130, 24.3400, 32.4680**.

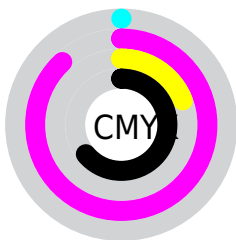
Distribution



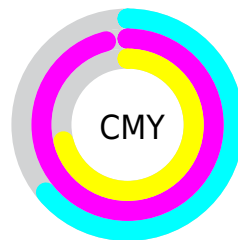
- Red (36%)
- Green (4%)
- Blue (29%)



- Red (36%)
- Yellow (4%)
- Blue (29%)



- Cyan (0%)
- Magenta (88%)
- Yellow (19%)
- Black (64%)



- Cyan (64%)
- Magenta (96%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 42.1020, 27.4570, 36.5530 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 42.1020, 27.4570, 36.5530 by changing the saturation by 10% instead.

42.1020, 27.4570,
36.5530

42.1020, 27.4570,
36.5530

255.0000, -0.0000,
-0.0000

25.5480, 22.9650,
29.8530

95.2330, 28.4660,
34.7860

16.9890, 16.8690,
19.1810

121.8310, 29.6580,
35.2100

0.0000, 0.0000,
0.0000

148.5430, 30.5290,
35.9450


175.2550, 31.4000,
36.6800


202.3690, 31.0790,
36.9910


221.5410, 15.6750,


29.8110


 238.5640, 7.7000,
14.6440


 42.1020, 27.4570,
36.5530


 42.1020, 27.4570,
36.5530


 36.5910, 30.5740,
40.6380


 47.6130, 24.3400,
32.4680

 35.4170, 31.1240,
41.6840

 53.1240, 21.2230,
28.3830

 58.6350, 18.1060,
24.2980

 64.1460, 14.9890,
20.2130

 70.2440, 11.5970,
15.6050

■ 75.7550, 8.4800,
11.5200

■ 81.2660, 5.3630,
7.4350

■ 86.7770, 2.2460,
3.3500

■ 92.1740, -0.5500,
-1.0460

Harmonies

Analogous

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



48.6890, -8.3490, 24.6670



42.1020, 27.4570, 36.5530



35.5850, 47.9060, 34.8980

Triad

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



42.1020, 27.4570, 36.5530



44.9090, 18.7090, -14.1790



45.7250, -44.7020, -4.8460

Complementary

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



42.1020, 27.4570, 36.5530



59.8980, -27.4570, -36.5530

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.



42.0770, -34.4300, -14.7980



42.1020, 27.4570, 36.5530



38.2540, -4.6720, -25.4720

Square

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



42.1020, 27.4570, 36.5530



45.0520, 37.7800, -1.8680



37.6140, -23.2410, -24.8490



46.3580, -50.6180, 3.2540

Rectangle

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



42.1020, 27.4570, 36.5530



36.7020, 51.5300, 24.2820



37.6140, -23.2410, -24.8490



44.5850, -41.4920, -7.9560

Sweetspot

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



42.1020, 27.4570, 36.5530



98.7060, 10.1760, 13.8240



24.9040, -16.1440, 28.2720



47.3910, 6.5090, 8.6930



186.0000, -0.0000, -0.0000



59.0000, 0.0000, -0.0000

Same Dimension

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



42.1020, 27.4570, 36.5530



45.4710, 40.2000, 53.4160



37.6560, 39.9760, 24.4240



42.9510, 1.6960, 2.3040



42.6940, 37.9540, 50.0660



92.1810, 81.2250, 108.4010

Inverse Universe

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



42.1020, 27.4570, 36.5530



45.4710, 40.2000, 53.4160



64.3440, -39.9760, -24.4240



42.9510, 1.6960, 2.3040



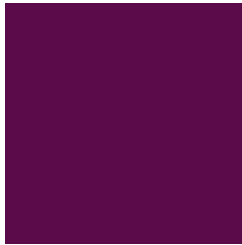
42.6940, 37.9540, 50.0660



92.1810, 81.2250, 108.4010

Previews

White Background



This preview shows how the YIQ color 42.1020, 27.4570, 36.5530 looks on a white background.

Color Contrast Check

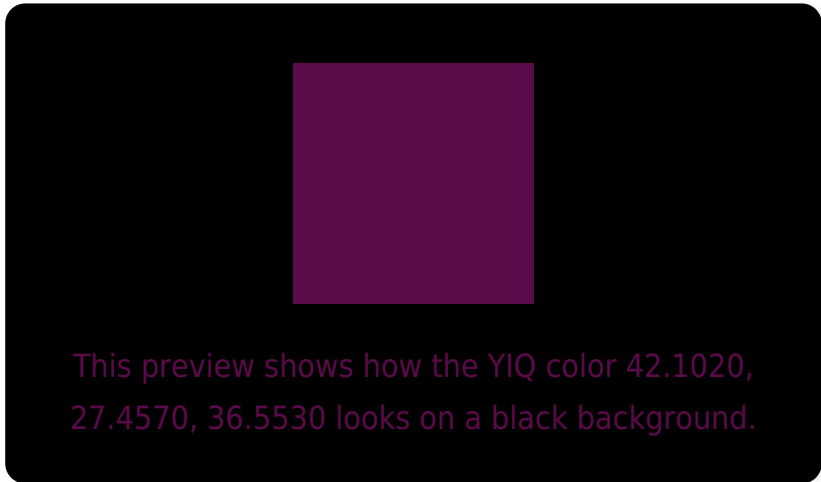
Large Text (above 18pt) WCAG AA ✓ Pass

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

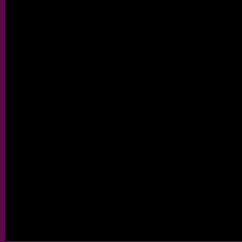
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 42.1020, 27.4570, 36.5530

Background



This preview shows how black text looks on a background with the YIQ color 42.1020, 27.4570, 36.5530.



This preview shows how white text looks on a background with the YIQ color 42.1020, 27.4570,

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

42.1020, 27.4570, 36.5530

Protanopia

43.1960, -41.1740, 8.3140

Deuteranopia

50.7850, -9.4000, 5.1600



Tritanopia

47.5700, 33.9260, 12.9180

Trichromacy



Original Color

42.1020, 27.4570, 36.5530

Protanomaly

42.6940, -15.9130, 18.5750

Deuteranomaly

47.7640, 4.2610, 16.3970

Tritanomaly

45.4700, 31.6320, 21.4560

Monochromacy



Original Color

42.1020, 27.4570, 36.5530

Achromatopsia

42.0000, -0.0000, -0.0000

Achromatomaly

42.2930, 9.9010, 13.3010

CSS Examples

Text

The CSS property to change the color of the text to YIQ 42.1020, 27.4570, 36.5530 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(91, 11, 74)` looks like.

```
.text, #text, p{  
    color:rgb(91, 11, 74)  
}
```

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(91, 11, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 11, 74) }
```

Border

The CSS property to change the border of an element to YIQ 42.1020, 27.4570, 36.5530 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(91, 11, 74) }
```


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

```
.border{ border-color:rgb(91, 11, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 11, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 11, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 11, 74);  
box-shadow:4px 4px 4px 4px rgb(91, 11, 74)  
}
```

Background

The CSS property to change the background color of an element to YIQ 42.1020, 27.4570, 36.5530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 11, 74) }
```

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

```
.background{ background-color: rgb(91, 11,  
74) }
```

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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