

Converting Colors

YIQ(42.7520, 4.5350, 22.4470)

Have a look what the booklet for
YIQ(42.7520, 4.5350, 22.4470)
contains.

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Color

**YIQ(42.7520, 4.5350,
22.4470)**

Conversions

Conversions Part 1

Format	Color
Hex	3D1B4C
RGB	61, 27, 76
RGB Percent	24%, 11%, 30%
CMY	0.7607, 0.8942, 0.7020
CMYK	0.20, 0.64, 0.00, 0.70
HSL	282°, 48%, 20%
HSV	282°, 64%, 30%
XYZ	3.6222, 2.2980, 7.0892
YIQ	42.7520, 4.5350, 22.4470

Conversions

Conversions Part 2

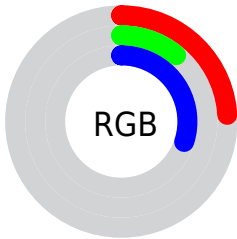
Format	Color
RYB	61, 27, 76
Decimal	4004684
CIELab	16.98, 26.11, -23.60
CIElCh	17, 35.193, 317.890
Yxy	2.2980, 0.2784, 0.1766
Android (android.graphics.Color)	4282194764 (0xFF3D1B4C)
YUV	42.7520, 16.3913, 16.0035
Hunter-Lab	15.1590, 16.1233, -17.1160

Details

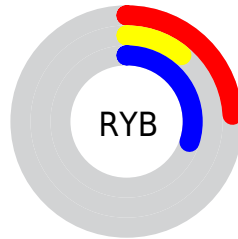
The YIQ color **42.7520, 4.5350, 22.4470** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **60.2480, -4.5350, -22.4470**, and the grayscale version is **43.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **89.9910, 5.3600, 24.0160**, and **7.2360, -3.1200, 12.4960** is the 20% darker color. If you saturate the color by 10%, you get **37.4580, 5.5430, 26.2070**, and if you desaturate by 10%, it is **48.0460, 3.5270, 18.6870**.

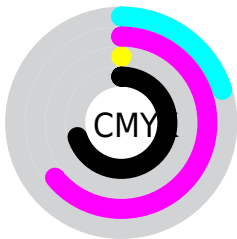
Distribution



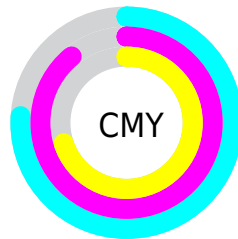
- Red (24%)
- Green (11%)
- Blue (30%)



- Red (24%)
- Yellow (11%)
- Blue (30%)



- Cyan (20%)
- Magenta (64%)
- Yellow (0%)
- Black (70%)



- Cyan (76%)
- Magenta (89%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 42.7520, 4.5350, 22.4470 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 42.7520, 4.5350, 22.4470 by changing the saturation by 10% instead.

■ 42.7520, 4.5350,
22.4470

■ 42.7520, 4.5350,
22.4470

■ 255.0000, -0.0000,
-0.0000

■ 20.3390, 4.2600,
21.9240

■ 89.9910, 5.3600,
24.0160

■ 7.2360, -3.1200,
12.4960

■ 114.8170, 5.9100,
25.0620

■ 0.3420, -0.9630,
0.9330

■ 140.6430, 6.4600,
26.1080


■ 0.0000, 0.0000,
0.0000

■ 167.1700, 6.4140,
26.9420

■ 194.5830, 6.6890,
27.4650


■ 221.4970, 9.8070,


26.0230

 240.9120, 6.6000,
12.5520


 42.7520, 4.5350,
22.4470

 42.7520, 4.5350,
22.4470

 37.4580, 5.5430,
26.2070


 48.0460, 3.5270,
18.6870


 32.4520, 5.6800,
29.2320


 53.0520, 3.3900,
15.6620

 27.1580, 6.6880,
32.9920

 58.3460, 2.3820,
11.9020

 24.5110, 7.1920,
34.8720

 63.0530, 1.6490,
8.6650

 68.6460, 1.2370,
5.1170

■ 73.9400, 0.2290,
1.3570

■ 78.6470, -0.5040,
-1.8800

■ 84.2400, -0.9160,
-5.4280

■ 88.9470, -1.6490,
-8.6650

Harmonies

Analogous

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



36.4310, -34.5260, 8.9780



42.7520, 4.5350, 22.4470



37.8920, 27.6880, 26.8560

Triad

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



42.7520, 4.5350, 22.4470



39.9580, 26.1810, -6.4190



37.6090, -32.8720, -9.9920

Complementary

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



42.7520, 4.5350, 22.4470



60.2480, -4.5350, -22.4470

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.



33.9440, -23.9300, -17.8660



42.7520, 4.5350, 22.4470



38.0760, 10.8690, -15.2670

Square

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



42.7520, 4.5350, 22.4470



37.9970, 39.6130, 3.4610



30.6600, -11.6870, -24.9910



39.5300, -39.6590, -2.6270

Rectangle

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



42.7520, 4.5350, 22.4470



35.3890, 36.3540, 23.9860



30.6600, -11.6870, -24.9910



36.5830, -29.9830, -12.7910

Sweetspot

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



42.7520, 4.5350, 22.4470



86.9390, 1.9700, 8.3540



41.9780, -20.1290, 6.8710



42.7600, 0.9160, 5.4280



179.0000, -0.0000, -0.0000



51.0000, -0.0000, -0.0000

Same Dimension

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



42.7520, 4.5350, 22.4470



47.5110, 7.1920, 34.8720



46.2110, 16.3640, 22.8280



35.3530, 0.5040, 1.8800



32.8570, 9.5740, 46.7740



73.7610, 20.9340, 105.2380

Inverse Universe

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



43.3610, 24.3890, 15.0530



48.3460, 37.9130, 23.2650



56.7890, -16.3640, -22.8280



35.4240, 1.7420, 1.4700



34.0320, 50.8410, 31.2650



76.7500, 114.6100, 70.5300

Previews

White Background



This preview shows how the YIQ color 42.7520, 4.5350, 22.4470 looks on a white background.

Color Contrast Check

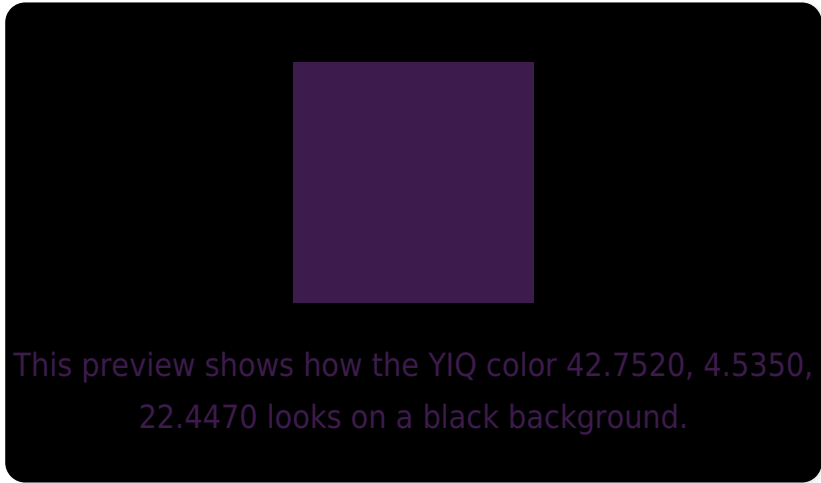
Large Text (above 18pt) WCAG AA ✓ Pass

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

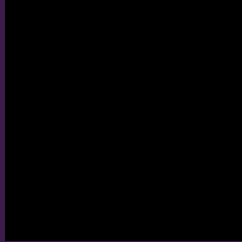
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 42.7520, 4.5350, 22.4470

Background



This preview shows how black text looks on a background with the YIQ color 42.7520, 4.5350, 22.4470.



This preview shows how white text looks on a background with the YIQ color 42.7520, 4.5350,

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

42.7520, 4.5350, 22.4470

Protanopia

34.0990, -39.5230, 5.9250

Deuteranopia

39.5430, -23.3380, 4.4540



Tritanopia

43.7240, 9.7650, 4.7490

Trichromacy



Original Color

42.7520, 4.5350, 22.4470

Protanomaly

37.2860, -23.7520, 11.9600

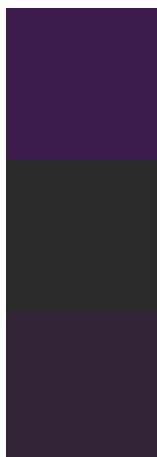
Deuteranomaly

40.6200, -13.0690, 11.0830

Tritanomaly

43.4560, 7.8840, 11.3080

Monochromacy



Original Color

42.7520, 4.5350, 22.4470

Achromatopsia

43.0000, -0.0000, -0.0000

Achromatomaly

42.9390, 1.9700, 8.3540

CSS Examples

Text

The CSS property to change the color of the text to YIQ 42.7520, 4.5350, 22.4470 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(61, 27, 76)` looks like.

```
.text, #text, p{  
    color:rgb(61, 27, 76)  
}
```

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(61, 27, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 27, 76) }
```

Border

The CSS property to change the border of an element to YIQ 42.7520, 4.5350, 22.4470 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(61, 27, 76) }
```


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

```
.border{ border-color:rgb(61, 27, 76) }
```

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

Here you see how a box with a 4 pixel rgb(61, 27, 76) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 27, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 27, 76);  
box-shadow:4px 4px 4px 4px rgb(61, 27, 76)  
}
```

Background

The CSS property to change the background color of an element to YIQ 42.7520, 4.5350, 22.4470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 27, 76) }
```

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

```
.background{ background-color: rgb(61, 27,  
76) }
```

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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