

Converting Colors

YIQ(42.2720, 5.2260, 4.4100)

Have a look what the booklet for
YIQ(42.2720, 5.2260, 4.4100)
contains.

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Color

YIQ(42.2720, 5.2260, 4.4100)

Conversions

Conversions Part 1

Format	Color
Hex	32262C
RGB	50, 38, 44
RGB Percent	20%, 15%, 17%
CMY	0.8039, 0.8510, 0.8274
CMYK	0.00, 0.24, 0.12, 0.80
HSL	330°, 14%, 17%
HSV	330°, 24%, 20%
XYZ	2.4635, 2.2461, 2.6870
YIQ	42.2720, 5.2260, 4.4100

Conversions

Conversions Part 2

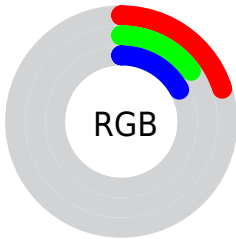
Format	Color
R_{YB}	50, 38, 44
Decimal	3286572
CIE Lab	16.73, 6.90, -1.80
CIE LCh	17, 7.126, 345.383
Yxy	2.2461, 0.3331, 0.3037
Android (android.graphics.Color)	4281476652 (0xFF32262C)
YUV	42.2720, 0.8519, 6.7775
Hunter-Lab	14.9870, 3.1132, -0.1390

Details

The YIQ color **42.2720, 5.2260, 4.4100** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **45.7280, -5.2260, -4.4100**, and the grayscale version is **42.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **87.5710, 5.8220, 4.6220**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **39.1090, 7.2430, 6.4030**, and if you desaturate by 10%, it is **45.5490, 2.8880, 2.7280**.

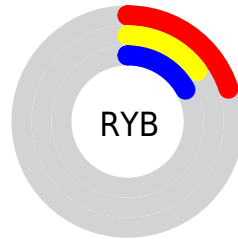
Distribution



Red (20%)

Green (15%)

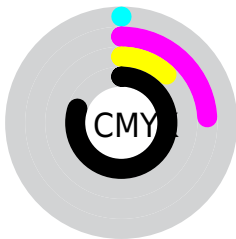
Blue (17%)



Red (20%)

Yellow (15%)

Blue (17%)

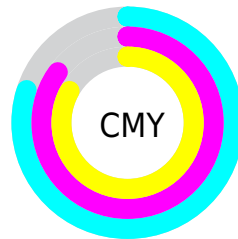


Cyan (0%)

Magenta (24%)

Yellow (12%)

Black (80%)



Cyan (80%)

Magenta (85%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 42.2720, 5.2260, 4.4100 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 42.2720, 5.2260, 4.4100 by changing the saturation by 10% instead.

■ 42.2720, 5.2260,
4.4100

■ 42.2720, 5.2260,
4.4100

■ 255.0000, -0.0000,
-0.0000

■ 21.9730, 4.6300,
4.1980

■ 87.5710, 5.8220,
4.6220

■ 0.0000, 0.0000,
0.0000

■ 111.9840, 6.0970,
5.1450

■ 137.2830, 6.6930,
5.3570

■ 163.6960, 6.9680,
5.8800

■ 190.6960, 6.9680,
5.8800

■ 218.6960, 6.9680,

5.8800

246.0980, 5.7760,
5.4560

42.2720, 5.2260,
4.4100

42.2720, 5.2260,
4.4100

39.1090, 7.2430,
6.4030

45.5490, 2.8880,
2.7280

35.8320, 9.5810,
8.0850

48.7120, 0.8710,
0.7350

32.6690, 11.5980,
10.0780

51.9890, -1.4670,
-0.9470

29.3920, 13.9360,
11.7600

55.1520, -3.4840,
-2.9400

26.2290, 15.9530,
13.7530

58.4290, -5.8220,
-4.6220

■ 22.9520, 18.2910,
15.4350

■ 61.5920, -7.8390,
-6.6150

■ 19.7890, 20.3080,
17.4280

■ 64.8690, -10.1770,
-8.2970

■ 17.8000, 21.7750,
18.3750

■ 68.0320, -12.1940,
-10.2900

■ 71.3090, -14.5320,
-11.9720

Harmonies

Analogous

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



41.8200, 0.6870, 4.0710



42.2720, 5.2260, 4.4100



42.3000, 8.0230, 3.2790

Triad

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



42.2720, 5.2260, 4.4100



40.8600, 3.2100, -3.1100



39.6720, -10.8200, -2.1480

Complementary

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



42.2720, 5.2260, 4.4100



45.7280, -5.2260, -4.4100

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.



39.2160, -9.5360, -3.3920



42.2720, 5.2260, 4.4100



40.1800, -0.6870, -4.0710

Square

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



42.2720, 5.2260, 4.4100



41.4800, 7.3360, -0.7920



39.5430, -6.1430, -4.3110



40.6230, -9.1240, 0.1560

Rectangle

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



42.2720, 5.2260, 4.4100



41.9580, 8.9860, 2.3460



39.5430, -6.1430, -4.3110



39.5580, -10.4990, -2.4590

Sweetspot

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



42.2720, 5.2260, 4.4100



60.8370, 2.0170, 1.9930



41.1620, -0.2760, 5.0040



31.1250, 1.1460, 1.2580



161.0000, -0.0000, -0.0000



33.0000, -0.0000, -0.0000

Same Dimension

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



42.2720, 5.2260, 4.4100



51.8210, 8.1140, 7.1380



41.5880, 7.1520, 2.5440



24.0110, 1.4670, 0.9470



31.7410, 38.5990, 32.8630



77.1950, 94.6640, 79.5920

Inverse Universe

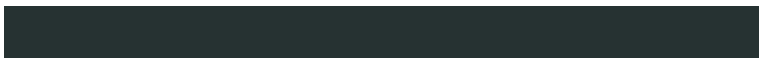
The Inverse Universe completely reimagines the original color for something new.



42.2720, 5.2260, 4.4100



51.8210, 8.1140, 7.1380



46.4120, -7.1520, -2.5440



24.0110, 1.4670, 0.9470



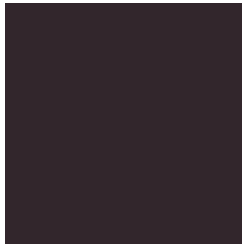
31.7410, 38.5990, 32.8630



77.1950, 94.6640, 79.5920

Previews

White Background



This preview shows how the YIQ color 42.2720, 5.2260, 4.4100 looks on a white background.

Color Contrast Check

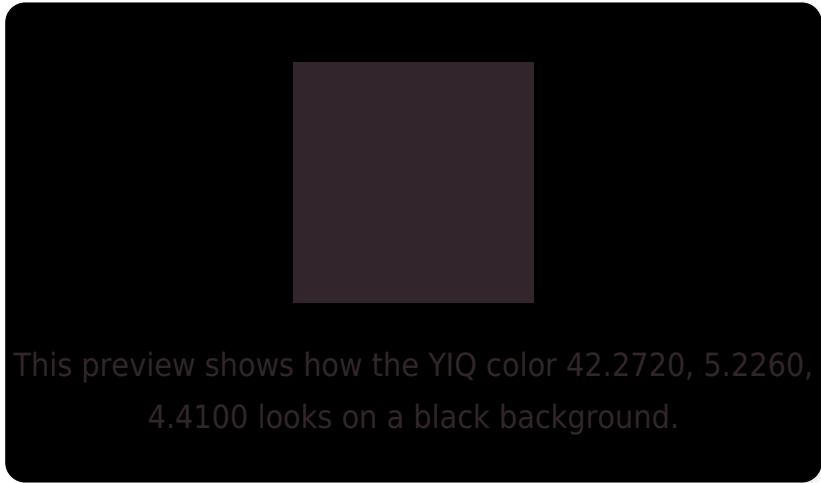
Large Text (above 18pt) WCAG AA ✓ Pass

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

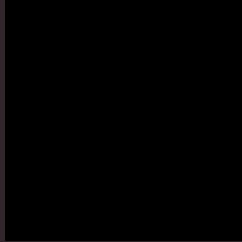
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 42.2720, 5.2260, 4.4100

Background



This preview shows how black text looks on a background with the YIQ color 42.2720, 5.2260, 4.4100.



This preview shows how white text looks on a background with the YIQ color 42.2720, 5.2260, 4.4100.

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

42.2720, 5.2260, 4.4100

Protanopia

41.5700, -1.6050, 1.5550

Deuteranopia

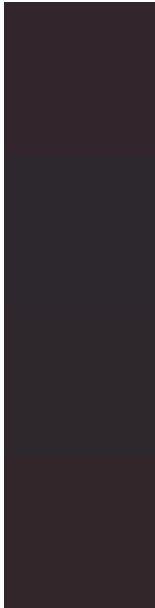
41.6520, 1.1000, 2.0920



Tritanopia

41.9300, 6.1890, 3.4770

Trichromacy



Original Color

42.2720, 5.2260, 4.4100

Protanomaly

41.7660, 0.7790, 2.4030

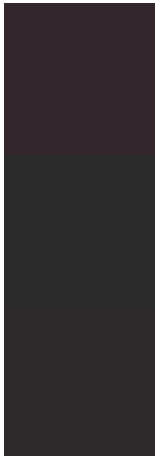
Deuteranomaly

41.6630, 2.5670, 3.0390

Tritanomaly

42.0440, 5.8680, 3.7880

Monochromacy



Original Color

42.2720, 5.2260, 4.4100

Achromatopsia

42.0000, -0.0000, -0.0000

Achromatomaly

42.4240, 1.7420, 1.4700

CSS Examples

Text

The CSS property to change the color of the text to YIQ 42.2720, 5.2260, 4.4100 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(50, 38, 44)` looks like.

```
.text, #text, p{  
    color:rgb(50, 38, 44)  
}
```

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(50, 38, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 38, 44) }
```

Border

The CSS property to change the border of an element to YIQ 42.2720, 5.2260, 4.4100 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(50, 38, 44) }
```

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

```
.border{ border-color:rgb(50, 38, 44) }
```

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

Here you see how a box with a 4 pixel `rgb(50, 38, 44)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 38, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 38, 44);  
box-shadow:4px 4px 4px 4px rgb(50, 38, 44)  
}
```


Background

The CSS property to change the background color of an element to YIQ 42.2720, 5.2260, 4.4100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 38, 44) }
```

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

```
.background{ background-color: rgb(50, 38,  
44) }
```

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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