

Converting Colors

YIQ(42.7980, 5.7800, -16.6520)

Have a look what the booklet for
YIQ(42.7980, 5.7800, -16.6520)
contains.

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Color

**YIQ(42.7980, 5.7800,
-16.6520)**

Conversions

Conversions Part 1

Format	Color
Hex	263408
RGB	38, 52, 8
RGB Percent	15%, 20%, 3%
CMY	0.8510, 0.7961, 0.9686
CMYK	0.27, 0.00, 0.85, 0.80
HSL	79°, 73%, 12%
HSV	79°, 85%, 20%
XYZ	2.0709, 2.8858, 0.6780
YIQ	42.7980, 5.7800, -16.6520

Conversions

Conversions Part 2

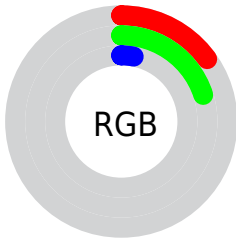
Format	Color
RYB	8, 52, 22
Decimal	2503688
CIELab	19.58, -13.71, 24.06
CIELCh	20, 27.696, 119.681
Yxy	2.8858, 0.3675, 0.5121
Android (android.graphics.Color)	4280693768 (0xFF263408)
YUV	42.7980, -17.1554, -4.2078
Hunter-Lab	16.9877, -7.9683, 9.5250

Details

The YIQ color **42.7980, 5.7800, -16.6520** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **17.2020, -5.7800, 16.6520**, and the grayscale version is **43.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **89.5700, 6.4220, -17.2740**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **41.6300, 6.1930, -18.6310**, and if you desaturate by 10%, it is **43.9660, 5.3670, -14.6730**.

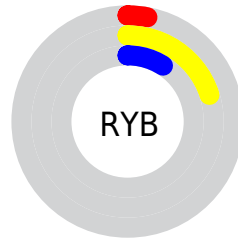
Distribution



Red (15%)

Green (20%)

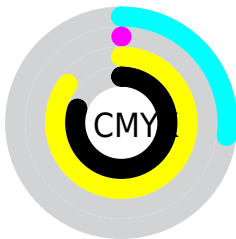
Blue (3%)



Red (3%)

Yellow (20%)

Blue (9%)

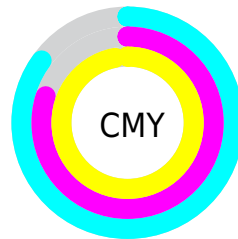


Cyan (27%)

Magenta (0%)

Yellow (85%)

Black (80%)



Cyan (85%)

Magenta (80%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 42.7980, 5.7800, -16.6520 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 42.7980, 5.7800, -16.6520 by changing the saturation by 10% instead.

■ 42.7980, 5.7800,
-16.6520

■ 42.7980, 5.7800,
-16.6520

■ 252.7200, 6.4200,
-6.2200

■ 22.9810, 1.0110,
-12.8210

■ 89.2710, 5.8260,
-17.4860

■ 0.0000, 0.0000,
0.0000

■ 113.4560, 6.7430,
-17.5850

■ 139.3420, 7.0640,
-17.8960

■ 166.1140, 7.7060,
-18.5180

■ 193.0000, 8.0270,
-18.8290

■ 221.4730, 8.0730,

-19.6630

■ 246.4240, 9.7690,
-17.3590

■ 42.7980, 5.7800,
-16.6520

■ 42.7980, 5.7800,
-16.6520

■ 41.6300, 6.1930,
-18.6310

■ 43.9660, 5.3670,
-14.6730

■ 40.9890, 6.5600,
-19.7760

■ 44.8350, 4.3580,
-12.9060

■ 46.1170, 3.6240,
-10.6160

■ 47.2850, 3.2110,
-8.6370

■ 48.1540, 2.2020,
-6.8700

■ 49.3220, 1.7890,
-4.8910

■ 50.4900, 1.3760,
-2.9120

■ 51.4730, 0.0460,
-0.8340

■ 52.6410, -0.3670,
1.1450

Harmonies

Analogous

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



44.3440, 21.9180, -11.7620



42.7980, 5.7800, -16.6520



37.0430, -19.8950, -19.4070

Triad

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



42.7980, 5.7800, -16.6520



41.6330, -41.4470, -3.2630



46.7250, 26.3600, 17.8800

Complementary

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



42.7980, 5.7800, -16.6520



17.2020, -5.7800, 16.6520

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.



48.6510, 12.0090, 19.1530



42.7980, 5.7800, -16.6520



39.3820, -41.9980, 1.2180

Square

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



42.7980, 5.7800, -16.6520



41.0970, -37.1820, -8.9740



48.1690, -10.1810, 13.8110



46.3200, 31.6340, 10.4020

Rectangle

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



42.7980, 5.7800, -16.6520



38.0190, -28.5150, -17.3710



48.1690, -10.1810, 13.8110



47.2130, 22.0500, 18.8980

Sweetspot

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



42.7980, 5.7800, -16.6520



65.2680, 1.8810, -6.5590



29.3740, 22.3740, 2.0060



33.5500, 1.1470, -4.2690



163.0000, -0.0000, -0.0000



36.0000, -0.0000, 0.0000

Same Dimension

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



42.7980, 5.7800, -16.6520



54.5560, 9.0370, -26.1230



36.2200, -7.3320, -21.3160



25.3590, 0.3670, -1.1450



70.4820, 11.8810, -33.6150



171.6310, 28.5330, -82.1150

Inverse Universe

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



17.2020, -5.7800, 16.6520



14.4440, -9.0370, 26.1230



23.7800, 7.3320, 21.3160



23.6410, -0.3670, 1.1450



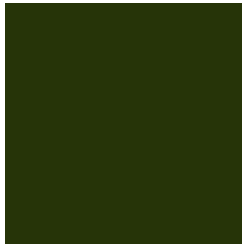
18.5180, -11.8810, 33.6150



45.3690, -28.5330, 82.1150

Previews

White Background



This preview shows how the YIQ color 42.7980, 5.7800, -16.6520 looks on a white background.

Color Contrast Check

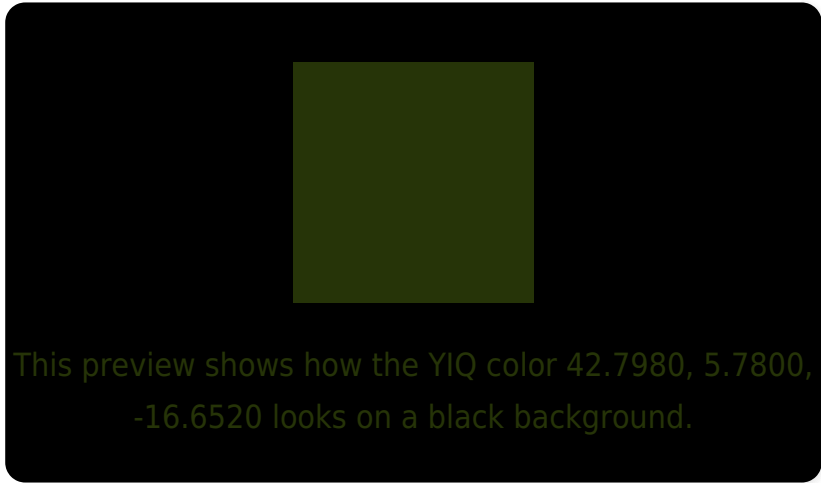
Large Text (above 18pt) WCAG AA ✓ Pass

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

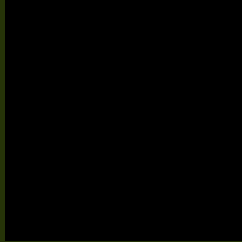
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 42.7980, 5.7800, -16.6520

Background



This preview shows how black text looks on a background with the YIQ color 42.7980, 5.7800, -16.6520.



This preview shows how white text looks on a background with the YIQ color 42.7980, 5.7800,

-16.6520.

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

42.7980, 5.7800, -16.6520

Protanopia

45.1200, 16.7370, -11.4790

Deuteranopia

45.7230, 19.5330, -7.0830



Tritanopia

46.9610, -4.2640, 0.1840

Trichromacy



Original Color

42.7980, 5.7800, -16.6520

Protanomaly

43.9130, 12.8860, -13.2740

Deuteranomaly

44.9780, 14.2610, -10.6590

Tritanomaly

45.1260, -0.5950, -5.7390

Monochromacy



Original Color

42.7980, 5.7800, -16.6520

Achromatopsia

43.0000, -0.0000, -0.0000

Achromatomaly

42.6810, 2.1560, -6.0360

CSS Examples

Text

The CSS property to change the color of the text to YIQ 42.7980, 5.7800, -16.6520 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(38, 52, 8)` looks like.

```
.text, #text, p{  
    color:rgb(38, 52, 8)  
}
```

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(38, 52, 8) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 52, 8) }
```

Border

The CSS property to change the border of an element to YIQ 42.7980, 5.7800, -16.6520 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(38, 52, 8) }
```


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

```
.border{ border-color:rgb(38, 52, 8) }
```

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

Here you see how a box with a 4 pixel `rgb(38, 52, 8)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 52, 8); -webkit-box-shadow:4px  
4px 4px 4px rgb(38, 52, 8); box-shadow:4px  
4px 4px 4px rgb(38, 52, 8) }
```

Background

The CSS property to change the background color of an element to YIQ 42.7980, 5.7800, -16.6520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 52, 8) }
```

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

```
.background{ background-color: rgb(38, 52,  
8) }
```

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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