

Converting Colors

YIQ(80.7220, -5.0890, -1.3850)

Have a look what the booklet for
YIQ(80.7220, -5.0890, -1.3850)
contains.

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Color

**YIQ(80.7220, -5.0890,
-1.3850)**

Conversions

Conversions Part 1

Format	Color
Hex	4B5354
RGB	75, 83, 84
RGB Percent	29%, 33%, 33%
CMY	0.7059, 0.6745, 0.6706
CMYK	0.11, 0.01, 0.00, 0.67
HSL	187°, 6%, 31%
HSV	187°, 11%, 33%
XYZ	7.5948, 8.3227, 9.5926
YIQ	80.7220, -5.0890, -1.3850

Conversions

Conversions Part 2

Format	Color
R_YB	75, 79, 84
Decimal	4936532
CIE Lab	34.65, -2.94, -1.67
CIE LCh	35, 3.385, 209.599
Yxy	8.3227, 0.2977, 0.3263
Android (android.graphics.Color)	4283126612 (0xFF4B5354)
YUV	80.7220, 1.6161, -5.0182
Hunter-Lab	28.8491, -3.4940, 0.4800

Details

The YIQ color **80.7220, -5.0890, -1.3850** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **78.2780, 5.0890, 1.3850**, and the grayscale version is **81.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **129.7220, -5.0890, -1.3850**, and **36.0210, -4.4930, -1.1730** is the 20% darker color. If you saturate the color by 10%, you get **77.7430, -9.5820, -2.5580**, and if you desaturate by 10%, it is **83.7010, -0.5960, -0.2120**.

Distribution



Red (29%)

Green (33%)

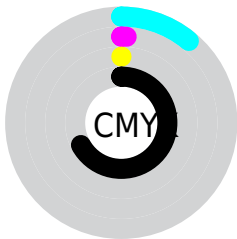
Blue (33%)



Red (29%)

Yellow (31%)

Blue (33%)

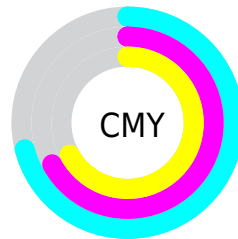


Cyan (11%)

Magenta (1%)

Yellow (0%)

Black (67%)



Cyan (71%)

Magenta (67%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 80.7220, -5.0890, -1.3850 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 80.7220, -5.0890, -1.3850 by changing the saturation by 10% instead.

■ 80.7220, -5.0890,
-1.3850

■ 80.7220, -5.0890,
-1.3850

■ 255.0000, -0.0000,
-0.0000

■ 57.7220, -5.0890,
-1.3850

■ 129.7220, -5.0890,
-1.3850

■ 36.0210, -4.4930,
-1.1730

■ 156.4230, -5.6850,
-1.5970

■ 14.8250, -6.8770,
-2.0210

■ 182.5370, -6.0060,
-1.2860

■ 0.0000, 0.0000,
0.0000

■ 210.4230, -5.6850,
-1.5970

■ 238.5370, -6.0060,
-1.2860

80.7220, -5.0890,
-1.3850

80.7220, -5.0890,
-1.3850

77.7430, -9.5820,
-2.5580

83.7010, -0.5960,
-0.2120

74.4650, -14.6710,
-3.9430

86.9790, 4.4930,
1.1730

71.4860, -19.1640,
-5.1160

89.9580, 8.9860,
2.3460

68.2080, -24.2530,
-6.5010

93.2360, 14.0750,
3.7310

65.2290, -28.7460,
-7.6740

96.2150, 18.5680,
4.9040

62.2500, -33.2390,
-8.8470

99.1940, 23.0610,
6.0770

59.5590, -38.6030,
-10.7550

101.8850, 28.4250,
7.9850

56.5800, -43.0960,

104.8640, 32.9180,

-11.9280

9.1580

■ 53.6010, -47.5890,
-13.1010

■ 108.1420, 38.0070,
10.5430

Harmonies

Analogous

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



80.6790, -3.5300, -2.1060



80.7220, -5.0890, -1.3850



80.6620, -4.8600, -0.0280

Triad

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



80.7220, -5.0890, -1.3850



81.9510, 1.6960, 2.3040



81.3270, 3.3930, -0.9190

Complementary

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



80.7220, -5.0890, -1.3850



78.2780, 5.0890, 1.3850

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.



81.4520, 4.5390, 0.3390



80.7220, -5.0890, -1.3850



82.3210, 3.5300, 2.1060

Square

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



80.7220, -5.0890, -1.3850



81.8690, -1.0090, 1.7670



81.9790, 4.4930, 1.1730



81.1310, 1.0090, -1.7670

Rectangle

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



80.7220, -5.0890, -1.3850



81.3740, -3.9890, 0.7070



81.9790, 4.4930, 1.1730



81.6260, 3.9890, -0.7070

Sweetspot

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



80.7220, -5.0890, -1.3850



108.2170, -2.1090, -0.3250



80.3970, -2.7960, -4.3960



55.4020, -1.1920, -0.4240



184.0000, 0.0000, -0.0000



56.0000, -0.0000, 0.0000

Same Dimension

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



80.7220, -5.0890, -1.3850



104.3410, -8.3900, -2.1340



78.3740, -3.9890, 0.7070



39.2170, -2.1090, -0.3250



66.5610, -59.2800, -15.9840



147.9570, -131.3970, -36.1090

Inverse Universe

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



78.6030, 2.7960, 4.3960



100.9670, 4.7670, 7.2230



80.6260, 3.9890, -0.7070



38.5380, 1.4210, 1.7810



41.9970, 32.7270, 51.1830



92.9660, 71.8250, 113.5610

Previews

White Background



This preview shows how the YIQ color 80.7220, -5.0890, -1.3850 looks on a white background.

Color Contrast Check

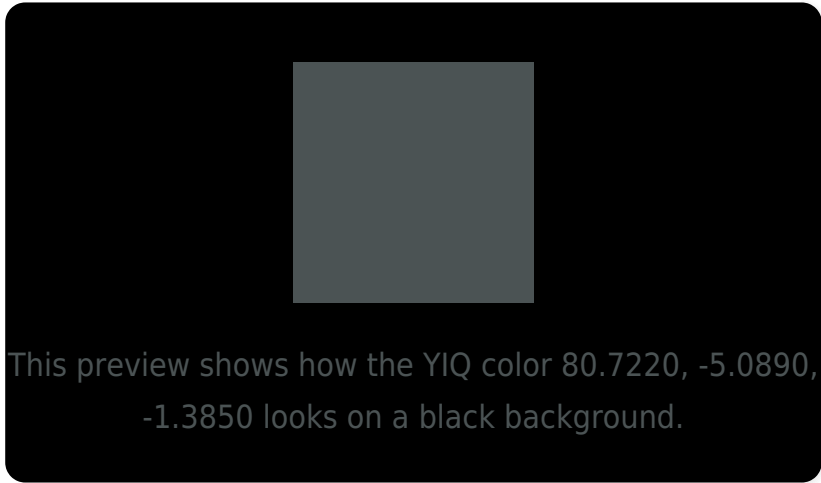
Large Text (above 18pt) WCAG AA ✓ Pass

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

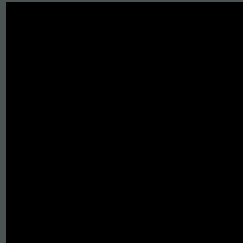
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 80.7220, -5.0890, -1.3850

Background



This preview shows how black text looks on a background with the YIQ color 80.7220, -5.0890, -1.3850.



This preview shows how white text looks on a background with the YIQ color 80.7220, -5.0890, -1.3850.

-1.3850.

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

80.7220, -5.0890, -1.3850

Protanopia

81.5270, -0.0460, 0.8340

Deuteranopia

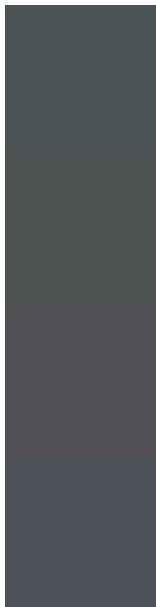
82.3750, 3.4380, 3.7740



Tritanopia

81.0040, -5.8230, 0.9050

Trichromacy



Original Color

80.7220, -5.0890, -1.3850

Protanomaly

81.2170, -2.1090, -0.3250

Deuteranomaly

81.4670, 0.1830, 2.1910

Tritanomaly

80.7760, -5.1810, 0.2830

Monochromacy



Original Color

80.7220, -5.0890, -1.3850

Achromatopsia

81.0000, -0.0000, 0.0000

Achromatomaly

81.1030, -1.7880, -0.6360

CSS Examples

Text

The CSS property to change the color of the text to YIQ 80.7220, -5.0890, -1.3850 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(75, 83, 84)` looks like.

```
.text, #text, p{  
    color:rgb(75, 83, 84)  
}
```

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(75, 83, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 83, 84) }
```

Border

The CSS property to change the border of an element to YIQ 80.7220, -5.0890, -1.3850 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(75, 83, 84) }
```


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

```
.border{ border-color:rgb(75, 83, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 83, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 83, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 83, 84);  
box-shadow:4px 4px 4px 4px rgb(75, 83, 84)  
}
```

Background

The CSS property to change the background color of an element to YIQ 80.7220, -5.0890, -1.3850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 83, 84) }
```

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

```
.background{ background-color: rgb(75, 83,  
84) }
```

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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