

Converting Colors

YIQ(51.9720, 6.3710, 11.1950)

Have a look what the booklet for
YIQ(51.9720, 6.3710, 11.1950)
contains.

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Color

**YIQ(51.9720, 6.3710,
11.1950)**

Conversions

Conversions Part 1

Format	Color
Hex	412B40
RGB	65, 43, 64
RGB Percent	25%, 17%, 25%
CMY	0.7450, 0.8314, 0.7490
CMYK	0.00, 0.34, 0.02, 0.75
HSL	303°, 20%, 21%
HSV	303°, 34%, 25%
XYZ	3.9701, 3.2217, 5.2634
YIQ	51.9720, 6.3710, 11.1950

Conversions

Conversions Part 2

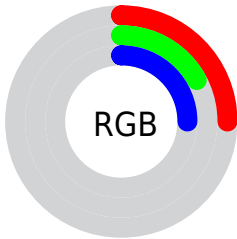
Format	Color
RYB	65, 43, 64
Decimal	4270912
CIELab	20.91, 14.39, -9.22
CIElCh	21, 17.085, 327.352
Yxy	3.2217, 0.3188, 0.2587
Android (android.graphics.Color)	4282460992 (0xFF412B40)
YUV	51.9720, 5.9298, 11.4256
Hunter-Lab	17.9490, 8.0713, -4.8221




Details

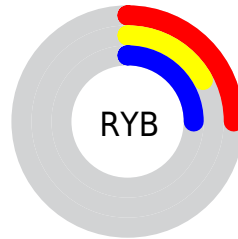
The YIQ color **51.9720, 6.3710, 11.1950** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **56.0280, -6.3710, -11.1950**, and the grayscale version is **52.0000, -0.0000, -0.0000**.




A 20% lighter version of the original color is **98.7980, 6.9210, 12.2410**, and **9.6840, 7.2420, 11.9300** is the 20% darker color. If you saturate the color by 10%, you get **47.8630, 8.2960, 14.8560**, and if you desaturate by 10%, it is **55.4940, 4.7210, 8.0570**.

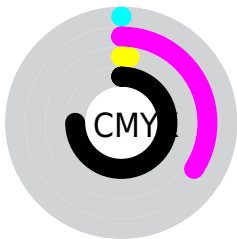
Distribution







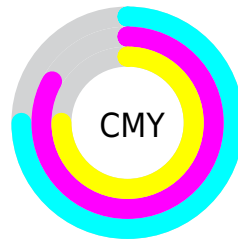
-  Red (25%)
-  Green (17%)
-  Blue (25%)






-  Red (25%)
-  Yellow (17%)
-  Blue (25%)



-  Cyan (0%)
-  Magenta (34%)
-  Yellow (2%)
-  Black (75%)



-  Cyan (75%)
-  Magenta (83%)
-  Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 51.9720, 6.3710, 11.1950 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 51.9720, 6.3710, 11.1950 by changing the saturation by 10% instead.

■ 51.9720, 6.3710,
11.1950

■ 51.9720, 6.3710,
11.1950

■ 255.0000, -0.0000,
-0.0000

■ 30.5590, 6.0960,
10.6720

■ 98.7980, 6.9210,
12.2410

■ 9.6840, 7.2420,
11.9300

■ 123.5100, 7.7920,
12.9760

■ 0.0000, 0.0000,
0.0000

■ 149.5100, 7.7920,
12.9760

■ 176.3360, 8.3420,
14.0220

■ 204.2220, 8.6630,
13.7110

■ 231.7490, 8.6170,

14.5450

251.4780, 1.6500,
3.1380

51.9720, 6.3710,
11.1950

51.9720, 6.3710,
11.1950

47.8630, 8.2960,
14.8560

55.4940, 4.7210,
8.0570

44.2270, 10.2670,
17.6830

59.7170, 2.4750,
4.7070

40.1180, 12.1920,
21.3440

63.2390, 0.8250,
1.5690

36.5960, 13.8420,
24.4820

67.3480, -1.1000,
-2.0920

32.4870, 15.7670,
28.1430

71.5710, -3.3460,
-5.4420

■ 28.8510, 17.7380,
30.9700

■ 75.0930, -4.9960,
-8.5800

■ 26.5030, 18.8380,
33.0620

■ 79.2020, -6.9210,
-12.2410

■ 82.7240, -8.5710,
-15.3790

■ 86.9470, -10.8170,
-18.7290

Harmonies

Analogous

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



50.8610, -6.5580, 8.7220



51.9720, 6.3710, 11.1950



51.2350, 15.8160, 10.7280

Triad

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



51.9720, 6.3710, 11.1950



49.2540, 13.6640, -5.3440



40.4130, -35.2560, -10.8400

Complementary

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



51.9720, 6.3710, 11.1950



56.0280, -6.3710, -11.1950

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.



43.2310, -23.0600, -11.6040



51.9720, 6.3710, 11.1950



48.2420, 4.7700, -9.3580

Square

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



51.9720, 6.3710, 11.1950



50.4660, 19.1190, 0.4230



46.5440, -7.8840, -11.3080



41.5750, -35.5320, -5.8360

Rectangle

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



51.9720, 6.3710, 11.1950



51.3940, 19.6220, 7.8300



46.5440, -7.8840, -11.3080



40.2560, -33.3760, -11.8720

Sweetspot

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



51.9720, 6.3710, 11.1950



79.3040, 2.2000, 4.1840



45.8070, -6.4660, 7.0540



40.0650, 1.3750, 2.6150



171.0000, -0.0000, -0.0000



43.0000, -0.0000, -0.0000

Same Dimension

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



51.9720, 6.3710, 11.1950



63.9280, 9.6710, 17.4710



50.7180, 9.9020, 7.7740



31.2390, 0.8250, 1.5690



39.4910, 28.2800, 49.1760



91.3720, 64.8100, 114.0420

Inverse Universe

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



51.9720, 6.3710, 11.1950



63.9280, 9.6710, 17.4710



57.2820, -9.9020, -7.7740



31.2390, 0.8250, 1.5690



39.4910, 28.2800, 49.1760



91.3720, 64.8100, 114.0420

Previews

White Background



This preview shows how the YIQ color 51.9720, 6.3710, 11.1950 looks on a white background.

Color Contrast Check

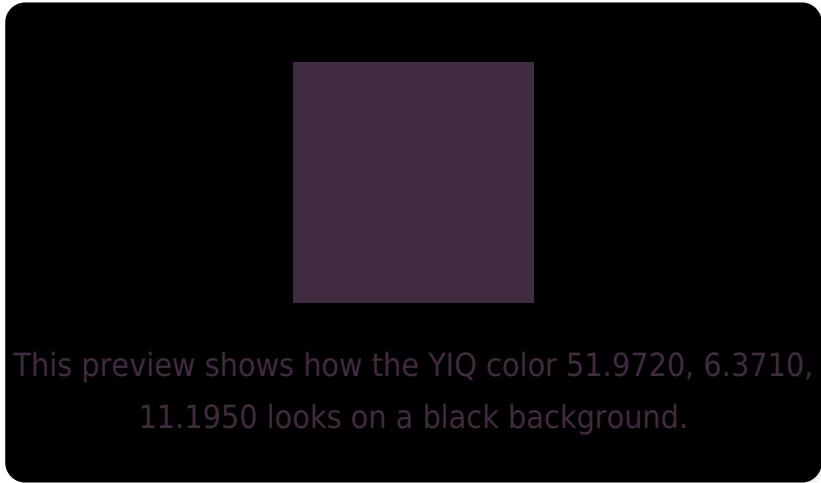
Large Text (above 18pt) WCAG AA ✓ Pass

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

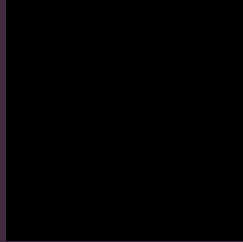
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 51.9720, 6.3710, 11.1950

Background



This preview shows how black text looks on a background with the YIQ color 51.9720, 6.3710, 11.1950.



This preview shows how white text looks on a background with the YIQ color 51.9720, 6.3710,

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

51.9720, 6.3710, 11.1950

Protanopia

50.6710, -9.0790, 4.8490

Deuteranopia

51.1830, -4.7690, 3.8310



Tritanopia

51.4250, 9.1690, 4.5370

Trichromacy



Original Color

51.9720, 6.3710, 11.1950

Protanomaly

50.7750, -3.4400, 7.2800

Deuteranomaly

51.2160, -0.3680, 6.6720

Tritanomaly

51.7070, 8.4350, 6.8270

Monochromacy



Original Color

51.9720, 6.3710, 11.1950

Achromatopsia

52.0000, -0.0000, -0.0000

Achromatomaly

52.1900, 2.5210, 3.8730

CSS Examples

Text

The CSS property to change the color of the text to YIQ 51.9720, 6.3710, 11.1950 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(65, 43, 64)` looks like.

```
.text, #text, p{  
    color:rgb(65, 43, 64)  
}
```

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(65, 43, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 43, 64) }
```

Border

The CSS property to change the border of an element to YIQ 51.9720, 6.3710, 11.1950 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(65, 43, 64) }
```


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

```
.border{ border-color:rgb(65, 43, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 43, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 43, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 43, 64);  
box-shadow:4px 4px 4px 4px rgb(65, 43, 64)  
}
```

Background

The CSS property to change the background color of an element to YIQ 51.9720, 6.3710, 11.1950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 43, 64) }
```

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

```
.background{ background-color: rgb(65, 43,  
64) }
```

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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