

Converting Colors

YIQ(59.3920, -13.5680,
-18.4320)

Have a look what the booklet for
YIQ(59.3920, -13.5680, -18.4320)
contains.

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Color

**YIQ(59.3920, -13.5680,
-18.4320)**

Conversions

Conversions Part 1

Format	Color
Hex	234B2B
RGB	35, 75, 43
RGB Percent	14%, 29%, 17%
CMY	0.8629, 0.7058, 0.8314
CMYK	0.53, 0.00, 0.43, 0.71
HSL	132°, 36%, 22%
HSV	132°, 53%, 29%
XYZ	3.6453, 5.5656, 3.1669
YIQ	59.3920, -13.5680, -18.4320

Conversions

Conversions Part 2

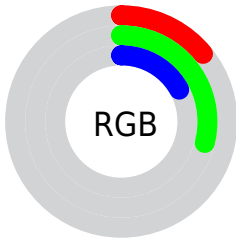
Format	Color
R_{YB}	35, 68, 75
Decimal	2313003
CIE _{Lab}	28.29, -22.28, 14.85
CIE _{LCh}	28, 26.781, 146.314
Yxy	5.5656, 0.2945, 0.4496
Android (android.graphics.Color)	4280503083 (0xFF234B2B)
YUV	59.3920, -8.0813, -21.3918
Hunter-Lab	23.5915, -13.7041, 8.5550

Details

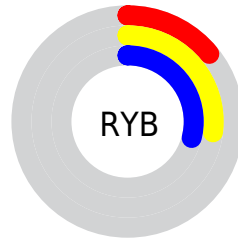
The YIQ color **59.3920, -13.5680, -18.4320** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **50.6080, 13.5680, 18.4320**, and the grayscale version is **59.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **107.7510, -13.2010, -19.5770**, and **18.1970, -8.5250, -16.2130** is the 20% darker color. If you saturate the color by 10%, you get **56.3160, -16.4100, -21.9940**, and if you desaturate by 10%, it is **62.1690, -11.3220, -15.0820**.

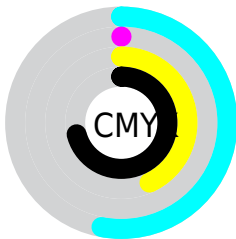
Distribution



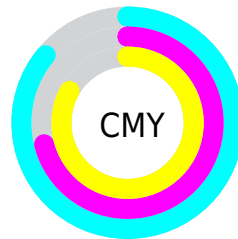
- Red (14%)
- Green (29%)
- Blue (17%)



- Red (14%)
- Yellow (27%)
- Blue (29%)



- Cyan (53%)
- Magenta (0%)
- Yellow (43%)
- Black (71%)



- Cyan (86%)
- Magenta (71%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 59.3920, -13.5680, -18.4320 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 59.3920, -13.5680, -18.4320 by changing the saturation by 10% instead.

■ 59.3920, -13.5680,
-18.4320

■ 59.3920, -13.5680,
-18.4320

■ 255.0000, -0.0000,
-0.0000

■ 36.0220, -15.4020,
-18.2340

■ 107.7510,
-13.2010, -19.5770

■ 18.1970, -8.5250,
-16.2130

■ 133.2240,
-13.1550, -20.4110

■ 0.0000, 0.0000,
0.0000

■ 159.8110,
-13.4300, -20.9340

■ 186.9850,
-13.9800, -21.9800

■ 214.9850,
-13.9800, -21.9800

■ 239.3490,

-12.0090, -19.1530

251.0270, -4.6300,
-4.1980

59.3920, -13.5680,
-18.4320

59.3920, -13.5680,
-18.4320

56.3160, -16.4100,
-21.9940

62.1690, -11.3220,
-15.0820

53.5390, -18.6560,
-25.3440

65.2450, -8.4800,
-11.5200

50.4630, -21.4980,
-28.9060

68.0220, -6.2340,
-8.1700

47.6860, -23.7440,
-32.2560

71.0980, -3.3920,
-4.6080

45.7350, -25.4400,
-34.5600

73.8750, -1.1460,
-1.2580

■ 76.9510, 1.6960,
2.3040

■ 79.7280, 3.9420,
5.6540

■ 82.8040, 6.7840,
9.2160

■ 85.5810, 9.0300,
12.5660

Harmonies

Analogous

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



63.1080, 7.8430, -15.4930



59.3920, -13.5680, -18.4320



52.3810, -41.3980, -20.6780

Triad

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



59.3920, -13.5680, -18.4320



59.3820, -41.9980, 1.2180



67.0320, 32.5050, 11.1370

Complementary

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



59.3920, -13.5680, -18.4320



50.6080, 13.5680, 18.4320

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.



67.5400, 25.4430, 17.9790



59.3920, -13.5680, -18.4320



67.3860, -12.2900, 13.4860

Square

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



59.3920, -13.5680, -18.4320



55.5390, -53.0460, -7.8140



68.8680, 9.9000, 18.8280



66.2240, 31.5440, 1.0160

Rectangle

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



59.3920, -13.5680, -18.4320



54.0910, -46.2130, -16.0130



68.8680, 9.9000, 18.8280



67.4280, 31.4500, 13.7380

Sweetspot

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



59.3920, -13.5680, -18.4320



90.8480, -5.6840, -7.1240



68.0480, 8.0720, -14.1360



44.5110, -3.1170, -4.0850



176.0000, -0.0000, -0.0000



48.0000, -0.0000, 0.0000

Same Dimension

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



59.3920, -13.5680, -18.4320



72.7620, -20.9020, -28.6940



61.6720, -19.9880, -12.2120



36.4620, -1.4210, -1.7810



62.1540, -34.4700, -47.1260



140.2540, -78.0160, -105.9840

Inverse Universe

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



50.6080, 13.5680, 18.4320



59.1240, 21.2230, 28.3830



48.3280, 19.9880, 12.2120



35.5380, 1.4210, 1.7810



39.8460, 34.4700, 47.1260



89.7460, 78.0160, 105.9840

Previews

White Background



This preview shows how the YIQ color 59.3920, -13.5680, -18.4320 looks on a white background.

Color Contrast Check

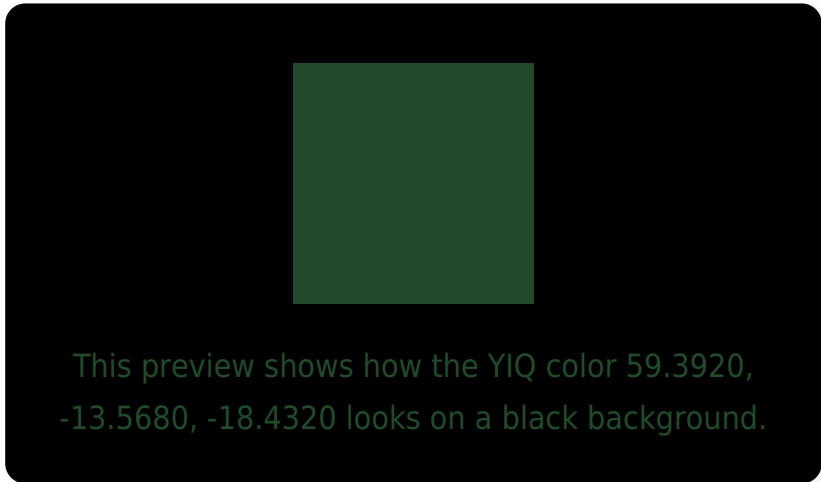
Large Text (above 18pt) WCAG AA ✓ Pass

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

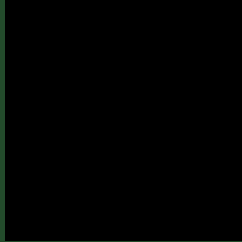
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 59.3920, -13.5680, -18.4320

Background



This preview shows how black text looks on a background with the YIQ color 59.3920, -13.5680, -18.4320.



This preview shows how white text looks on a background with the YIQ color 59.3920, -13.5680,

-18.4320.

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

59.3920, -13.5680, -18.4320

Protanopia

65.7160, 12.2430, -7.1250

Deuteranopia

66.7320, 15.3140, -2.2060



Tritanopia

63.3120, -18.6140, -4.0700

Trichromacy



Original Color

59.3920, -13.5680, -18.4320

Protanomaly

63.4050, 2.7530, -11.3510

Deuteranomaly

64.1820, 4.9990, -8.0010

Tritanomaly

61.6340, -16.8250, -8.9610

Monochromacy



Original Color

59.3920, -13.5680, -18.4320

Achromatopsia

59.0000, 0.0000, -0.0000

Achromatomaly

59.1470, -5.0880, -6.9120

CSS Examples

Text

The CSS property to change the color of the text to YIQ 59.3920, -13.5680, -18.4320 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(35, 75, 43)` looks like.

```
.text, #text, p{  
    color:rgb(35, 75, 43)  
}
```

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(35, 75, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 75, 43) }
```

Border

The CSS property to change the border of an element to YIQ 59.3920, -13.5680, -18.4320 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(35, 75, 43) }
```


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

```
.border{ border-color:rgb(35, 75, 43) }
```

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

Here you see how a box with a 4 pixel `rgb(35, 75, 43)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 75, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 75, 43);  
box-shadow:4px 4px 4px 4px rgb(35, 75, 43)  
}
```

Background

The CSS property to change the background color of an element to YIQ 59.3920, -13.5680, -18.4320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 75, 43) }
```

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

```
.background{ background-color: rgb(35, 75,  
43) }
```

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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