

Converting Colors

YIQ(43.0080, -62.0900, 56.9980)

Have a look what the booklet for
YIQ(43.0080, -62.0900, 56.9980)
contains.

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Color

**YIQ(43.0080, -62.0900,
56.9980)**

Conversions

Conversions Part 1

Format	Color
Hex	1317D1
RGB	19, 23, 209
RGB Percent	7%, 9%, 82%
CMY	0.9253, 0.9098, 0.1808
CMYK	0.91, 0.89, 0.00, 0.18
HSL	239°, 83%, 45%
HSV	239°, 91%, 82%
XYZ	12.0718, 5.3501, 60.6534
YIQ	43.0080, -62.0900, 56.9980

Conversions

Conversions Part 2

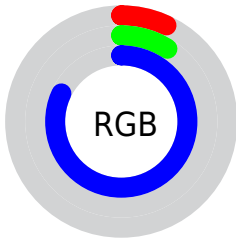
Format	Color
R_{YB}	19, 23, 209
Decimal	1251281
CIE _{Lab}	27.71, 62.93, -89.20
CIE _{LCh}	28, 109.163, 305.202
Yxy	5.3501, 0.1546, 0.0685
Android (android.graphics.Color)	4279441361 (0xFF1317D1)
YUV	43.0080, 81.8341, -21.0550
Hunter-Lab	23.1303, 52.6819, -139.2818

Details

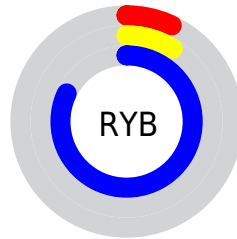
The YIQ color **43.0080, -62.0900, 56.9980** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **184.9920, 62.0900, -56.9980**, and the grayscale version is **42.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **106.8710, -36.5990, 63.0890**, and **17.4420, -49.1130, 47.5830** is the 20% darker color. If you saturate the color by 10%, you get **26.1740, -68.1890, 62.9070**, and if you desaturate by 10%, it is **61.0270, -55.0740, 50.9900**.

Distribution



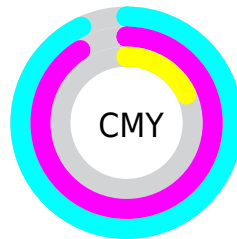
- Red (7%)
- Green (9%)
- Blue (82%)



- Red (7%)
- Yellow (9%)
- Blue (82%)



- Cyan (91%)
- Magenta (89%)
- Yellow (0%)
- Black (18%)



- Cyan (93%)
- Magenta (91%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 43.0080, -62.0900, 56.9980 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 43.0080, -62.0900, 56.9980 by changing the saturation by 10% instead.

■ 43.0080, -62.0900,
56.9980

■ 43.0080, -62.0900,
56.9980

■ 255.0000, -0.0000,
-0.0000

■ 20.5200, -57.7800,
55.9800

■ 106.8710,
-36.5990, 63.0890

■ 17.4420, -49.1130,
47.5830

■ 132.0000,
-24.0810, 56.4870

■ 14.3640, -40.4460,
39.1860

■ 156.8300,
-12.1590, 49.6730

■ 16.5690, -34.2540,
26.0820

■ 181.9480, -1.1080,
42.1240

■ 13.7190, -26.2290,
18.3070

■ 207.9520, 10.2640,
34.2640


■ 8.1620, -17.4710,
13.7690


■ 229.1720, 12.1000,


■ 4.4800, -9.8590,


23.0120


7.9730


 246.1950, 4.1250,
7.8450


 0.0000, 0.0000,
0.0000


 43.0080, -62.0900,
56.9980


 43.0080, -62.0900,
56.9980


 26.1740, -68.1890,
62.9070

 61.0270, -55.0740,
50.9900

 79.6330, -48.3330,
44.4590

 97.6520, -41.3170,
38.4510

 116.2580,
-34.5760, 31.9200

 134.2770,
-27.5600, 25.9120

■ 152.5840,
-21.4150, 19.1690

■ 170.6030,
-14.3990, 13.1610

■ 189.2090, -7.6580,
6.6300

■ 207.2280, -0.6420,
0.6220

Harmonies

Analogous

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



73.9610, -99.4070, 33.9450



43.0080, -62.0900, 56.9980



65.3660, 54.6380, 78.1100

Triad

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



43.0080, -62.0900, 56.9980



49.7460, 74.5930, 19.3050



61.8360, -50.1090, -22.5010

Complementary

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



43.0080, -62.0900, 56.9980



184.9920, 62.0900, -56.9980

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.



51.0690, -23.9250, -45.5010



43.0080, -62.0900, 56.9980



60.2480, 21.8280, -21.1480

Square

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



43.0080, -62.0900, 56.9980



53.2220, 106.0880, 37.7360



48.7210, -22.8250, -43.4090



72.7000, -77.9440, 2.8880

Rectangle

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



43.0080, -62.0900, 56.9980



66.5710, 87.1930, 66.3050



48.7210, -22.8250, -43.4090



57.8290, -40.2040, -31.3080

Sweetspot

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



43.0080, -62.0900, 56.9980



195.0400, -22.6990, 20.4130



151.5060, -111.3140, -42.1460



92.2610, -13.4360, 12.2280



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



43.0080, -62.0900, 56.9980



32.0050, -83.2300, 76.6900



67.2710, -7.9460, 77.9580



95.2540, -3.5310, 3.4210



20.9130, -54.7530, 50.6790



5.2610, -13.4360, 12.2280

Inverse Universe

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



76.2660, 111.9560, 41.5240



76.8150, 150.3750, 55.6150



160.7290, 7.9460, -77.9580



97.2890, 6.5560, 2.3320



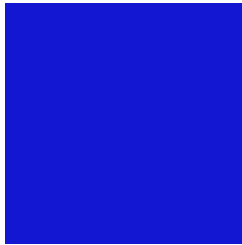
50.5740, 99.1650, 36.5490



12.3730, 24.1150, 9.0030

Previews

White Background



This preview shows how the YIQ color 43.0080, -62.0900, 56.9980 looks on a white background.

Color Contrast Check

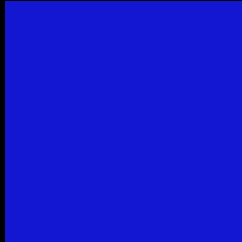
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YIQ color 43.0080, -62.0900, 56.9980 looks on a 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 43.0080, -62.0900, 56.9980

Background



This preview shows how black text looks on a background with the YIQ color 43.0080, -62.0900, 56.9980.



This preview shows how white text looks on a background with the YIQ color 43.0080, -62.0900,

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

43.0080, -62.0900, 56.9980

Protanopia

52.7300, -60.2930, 7.8910

Deuteranopia

52.7980, -54.9730, -0.4210



Tritanopia

51.5150, -44.4710, -14.5430

Trichromacy



Original Color

43.0080, -62.0900, 56.9980

Protanomaly

49.2100, -60.9840, 25.9280

Deuteranomaly

49.4890, -57.6360, 20.3160

Tritanomaly

48.5140, -50.7570, 11.2830

Monochromacy



Original Color

43.0080, -62.0900, 56.9980

Achromatopsia

43.0000, -0.0000, -0.0000

Achromatomaly

43.0400, -22.6990, 20.4130

CSS Examples

Text

The CSS property to change the color of the text to YIQ 43.0080, -62.0900, 56.9980 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(19, 23, 209)` looks like.

```
.text, #text, p{  
    color:rgb(19, 23, 209)  
}
```

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(19, 23, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 23, 209) }
```

Border

The CSS property to change the border of an element to YIQ 43.0080, -62.0900, 56.9980 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(19, 23, 209) }
```


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

```
.border{ border-color:rgb(19, 23, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(19, 23, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 23, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 23, 209);  
box-shadow:4px 4px 4px 4px rgb(19, 23,  
209) }
```

Background

The CSS property to change the background color of an element to YIQ 43.0080, -62.0900, 56.9980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 23, 209) }
```

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

```
.background{ background-color: rgb(19, 23,  
209) }
```

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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