

Converting Colors

YIQ(69.2020, -92.8960, 31.5840)

Have a look what the booklet for
YIQ(69.2020, -92.8960, 31.5840)
contains.

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Color

**YIQ(69.2020, -92.8960,
31.5840)**

Conversions

Conversions Part 1

Format	Color
Hex	004AE2
RGB	0, 74, 226
RGB Percent	0%, 29%, 89%
CMY	0.9998, 0.7097, 0.1142
CMYK	1.00, 0.67, 0.00, 0.11
HSL	220°, 100%, 44%
HSV	220°, 100%, 89%
XYZ	16.1613, 10.3859, 73.0152
YIQ	69.2020, -92.8960, 31.5840

Conversions

Conversions Part 2

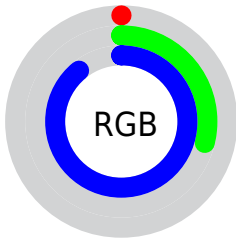
Format	Color
R _{YB}	0, 56, 226
Decimal	19170
CIE Lab	38.53, 41.97, -81.05
CIE LCh	39, 91.271, 297.380
Yxy	10.3859, 0.1623, 0.1043
Android (android.graphics.Color)	4278209250 (0xFF004AE2)
YUV	69.2020, 77.3014, -60.6902
Hunter-Lab	32.2272, 33.1166, -111.7705

Details

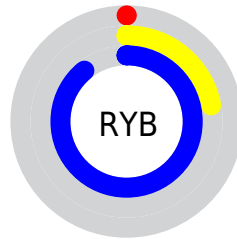
The YIQ color **69.2020, -92.8960, 31.5840** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **156.7980, 92.8960, -31.5840**, and the grayscale version is **69.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **132.9760, -51.0370, 38.3950**, and **37.4630, -62.7740, 36.3460** is the 20% darker color. If you saturate the color by 10%, you get **69.2020, -92.8960, 31.5840**, and if you desaturate by 10%, it is **84.8840, -83.3130, 28.6150**.

Distribution



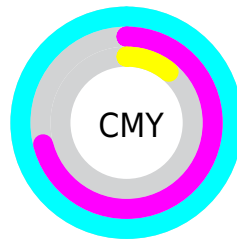
- Red (0%)
- Green (29%)
- Blue (89%)



- Red (0%)
- Yellow (22%)
- Blue (89%)



- Cyan (100%)
- Magenta (67%)
- Yellow (0%)
- Black (11%)



- Cyan (100%)
- Magenta (71%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 69.2020, -92.8960, 31.5840 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 69.2020, -92.8960, 31.5840 by changing the saturation by 10% instead.

■ 69.2020, -92.8960,
31.5840

■ 69.2020, -92.8960,
31.5840

■ 255.0000, -0.0000,
-0.0000

■ 52.9820, -77.5370,
34.0710

■ 133.5630,
-51.3120, 37.8720

■ 37.4630, -62.7740,
36.3460

■ 158.1050,
-38.5190, 31.7930

■ 24.9930, -49.7070,
36.3170

■ 183.5220,
-26.8720, 24.4560

■ 13.1100, -36.9150,
35.7650

■ 208.9390,
-15.2250, 17.1190

■ 17.7770, -32.1440,
20.8800

■ 234.6440, -4.4490,
9.0470

■ 11.5190, -22.7900,
16.5540

■ 6.5490, -14.3070,

11.4930

■ 2.8670, -6.6950,
5.6970

■ 0.0000, 0.0000,
0.0000

■ 69.2020, -92.8960,
31.5840

■ 84.8840, -83.3130,
28.6150

■ 100.2670,
-74.3260, 25.4340

■ 116.5360,
-65.0180, 21.9420

■ 131.9190,
-56.0310, 18.7610

■ 147.6010,
-46.4480, 15.7920

■ 163.2830,
-36.8650, 12.8230

■ 178.6660,
-27.8780, 9.6420

■ 194.9350,
-18.5700, 6.1500

■ 210.3180, -9.5830,
2.9690

Harmonies

Analogous

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



89.3370, -106.8780, 20.6580



69.2020, -92.8960, 31.5840



69.5410, 44.3200, 88.8960

Triad

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



69.2020, -92.8960, 31.5840



76.9570, 89.8160, 13.2400



78.0270, -58.4970, -35.6890

Complementary

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



69.2020, -92.8960, 31.5840



156.7980, 92.8960, -31.5840

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.



66.3310, -31.0750, -59.0990



69.2020, -92.8960, 31.5840



85.4650, 46.0820, -20.1740

Square

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



69.2020, -92.8960, 31.5840



64.6010, 112.8710, 52.4790



72.3990, -7.4190, -47.2830



87.2780, -83.1680, -12.5760

Rectangle

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



69.2020, -92.8960, 31.5840



74.0500, 79.0750, 81.2750



72.3990, -7.4190, -47.2830



74.3620, -49.5550, -43.5630

Sweetspot

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



69.2020, -92.8960, 31.5840



202.3390, -31.2710, 10.5610



149.8760, -110.6210, -71.2370



96.0490, -18.8910, 6.4610



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.



69.2020, -92.8960, 31.5840



78.3780, -104.9550, 35.3730



37.1260, -49.8980, 78.3420



104.6020, -4.6310, 1.3290



54.1100, -72.4460, 24.4020



14.8640, -19.8080, 6.5600

Inverse Universe

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



76.0100, 110.9420, 70.9260



85.8210, 125.0160, 80.1840



188.8740, 49.8980, -78.3420



104.7450, 5.2720, 3.5760



59.2360, 86.2780, 55.3500



16.1760, 23.4720, 15.1520

Previews

White Background



This preview shows how the YIQ color 69.2020, -92.8960, 31.5840 looks on a white background.

Color Contrast Check

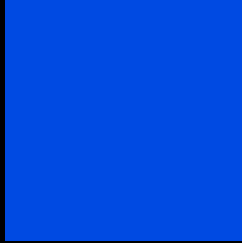
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 69.2020, -92.8960, 31.5840 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

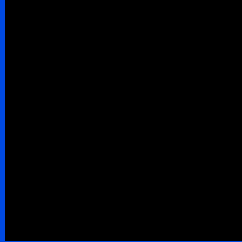
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 69.2020, -92.8960, 31.5840

Background



This preview shows how black text looks on a background with the YIQ color 69.2020, -92.8960, 31.5840.



This preview shows how white text looks on a background with the YIQ color 69.2020, -92.8960,

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

69.2020, -92.8960, 31.5840

Protanopia

72.0450, -82.9890, 11.7230

Deuteranopia

72.4890, -75.9720, 0.1880



Tritanopia

70.7840, -61.5260, -19.3340

Trichromacy



Original Color

69.2020, -92.8960, 31.5840

Protanomaly

70.8200, -86.4290, 19.0030

Deuteranomaly

71.2300, -82.0720, 11.6240

Tritanomaly

70.5170, -73.1750, -0.9430

Monochromacy



Original Color

69.2020, -92.8960, 31.5840

Achromatopsia

69.0000, -0.0000, -0.0000

Achromatomaly

69.1970, -33.7470, 11.3810

CSS Examples

Text

The CSS property to change the color of the text to YIQ 69.2020, -92.8960, 31.5840 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(0, 74, 226)` looks like.

```
.text, #text, p{  
    color:rgb(0, 74, 226)  
}
```

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(0, 74, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 74, 226) }
```

Border

The CSS property to change the border of an element to YIQ 69.2020, -92.8960, 31.5840 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(0, 74, 226) }
```


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

```
.border{ border-color:rgb(0, 74, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 74, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 74, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 74, 226);  
box-shadow:4px 4px 4px 4px rgb(0, 74, 226)  
}
```

Background

The CSS property to change the background color of an element to YIQ 69.2020, -92.8960, 31.5840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 74, 226) }
```

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

```
.background{ background-color: rgb(0, 74,  
226) }
```

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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