

Converting Colors

YIQ(23.2420, -29.6200, 8.1720)

Have a look what the booklet for
YIQ(23.2420, -29.6200, 8.1720)
contains.

YIQ(23.2420, -29.6200, 8.1720)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(23.2420, -29.6200,
8.1720)**

Conversions

Conversions Part 1

Format	Color
Hex	001A46
RGB	0, 26, 70
RGB Percent	0%, 10%, 27%
CMY	1.0000, 0.8980, 0.7256
CMYK	1.00, 0.63, 0.00, 0.73
HSL	218°, 100%, 14%
HSV	218°, 100%, 27%
XYZ	1.4739, 1.1810, 5.9382
YIQ	23.2420, -29.6200, 8.1720

Conversions

Conversions Part 2

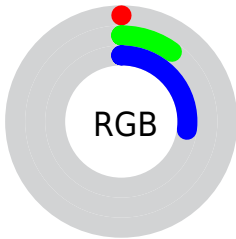
Format	Color
RYB	0, 19, 70
Decimal	6726
CIELab	10.42, 10.82, -30.30
CIELCh	10, 32.174, 289.654
Yxy	1.1810, 0.1715, 0.1374
Android (android.graphics.Color)	4278196806 (0xFF001A46)
YUV	23.2420, 23.0517, -20.3832
Hunter-Lab	10.8673, 5.1917, -24.7907

Details

The YIQ color **23.2420, -29.6200, 8.1720** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **46.7580, 29.6200, -8.1720**, and the grayscale version is **23.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **70.5250, -22.9270, 13.5290**, and **3.5510, -8.6210, 7.5630** is the 20% darker color. If you saturate the color by 10%, you get **23.2420, -29.6200, 8.1720**, and if you desaturate by 10%, it is **27.6830, -26.5480, 7.5640**.

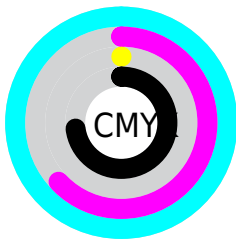
Distribution



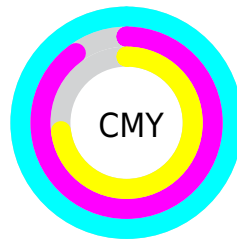
- Red (0%)
- Green (10%)
- Blue (27%)



- Red (0%)
- Yellow (7%)
- Blue (27%)



- Cyan (100%)
- Magenta (63%)
- Yellow (0%)
- Black (73%)



- Cyan (100%)
- Magenta (90%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 23.2420, -29.6200, 8.1720 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 23.2420, -29.6200, 8.1720 by changing the saturation by 10% instead.

■ 23.2420, -29.6200,
8.1720

■ 23.2420, -29.6200,
8.1720

■ 250.8470, -3.9430,
-0.1270

■ 5.4720, -15.4080,
14.9280

■ 71.1120, -23.2020,
13.0060

■ 3.5510, -8.6210,
7.5630

■ 95.3510, -22.3770,
14.5750

■ 0.0000, 0.0000,
0.0000

■ 120.1770,
-21.8270, 15.6210

■ 146.4050,
-22.4690, 16.2430

■ 172.9320,
-22.5150, 17.0770

■ 200.3450,

-22.2400, 17.6000

■ 225.1530,
-13.2520, 8.8920

■ 23.2420, -29.6200,
8.1720

■ 27.6830, -26.5480,
7.5640

■ 32.7110, -23.7510,
6.4330

■ 37.1520, -20.6790,
5.8250

■ 42.1800, -17.8820,
4.6940

■ 46.6210, -14.8100,
4.0860

■ 51.0620, -11.7380,
3.4780

■ 56.0900, -8.9410,
2.3470

■ 60.5310, -5.8690,
1.7390

■ 65.5590, -3.0720,
0.6080

Harmonies

Analogous

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



27.5790, -32.1870, 5.1330



23.2420, -29.6200, 8.1720



28.4700, 5.2690, 20.1570

Triad

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



23.2420, -29.6200, 8.1720



24.9730, 30.9930, 5.4970



24.5860, -16.8700, -13.6540

Complementary

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



23.2420, -29.6200, 8.1720



46.7580, 29.6200, -8.1720

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.



21.1320, -9.9000, -18.8280



23.2420, -29.6200, 8.1720



27.5320, 18.7530, -3.9590

Square

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



23.2420, -29.6200, 8.1720



21.5040, 34.2920, 17.3000



25.6610, 4.9080, -11.8600



27.0940, -23.9320, -6.8120

Rectangle

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



23.2420, -29.6200, 8.1720



25.0050, 19.9400, 24.1000



25.6610, 4.9080, -11.8600



22.7450, -13.0640, -16.5520

Sweetspot

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



23.2420, -29.6200, 8.1720



73.0620, -11.7380, 3.4780



45.9920, -33.0530, -23.2370



35.0470, -7.3820, 1.6260



173.0000, -0.0000, 0.0000



46.0000, 0.0000, -0.0000

Same Dimension

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



23.2420, -29.6200, 8.1720



30.4460, -38.8820, 10.8300



10.3720, -17.7020, 23.4660



33.0430, -1.5590, 0.7210



33.0050, -41.9540, 11.4380



75.1860, -95.9670, 26.6650

Inverse Universe

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



23.8940, 33.3740, 22.9260



31.3840, 43.9180, 30.0780



59.6280, 17.7020, -23.4660



33.3100, 2.0630, 1.1590



33.8190, 47.1270, 32.4950



77.4490, 108.3280, 74.2480

Previews

White Background



This preview shows how the YIQ color 23.2420, -29.6200, 8.1720 looks on a white background.

Color Contrast Check

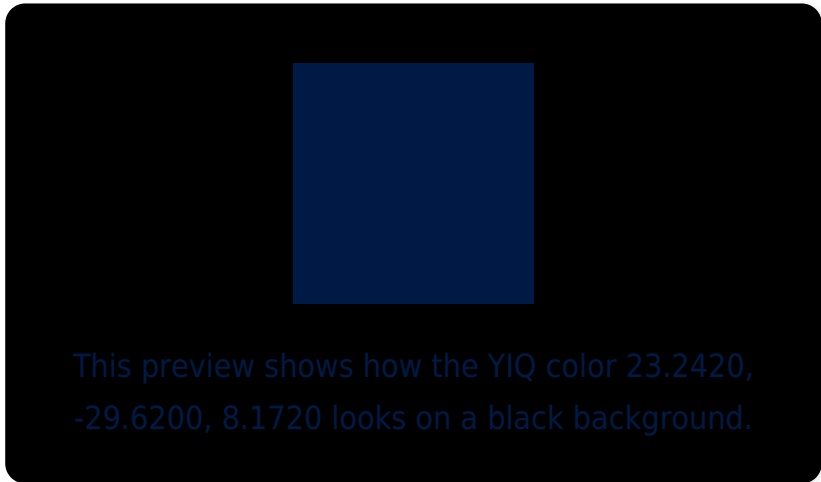
Large Text (above 18pt) WCAG AA ✓ Pass

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

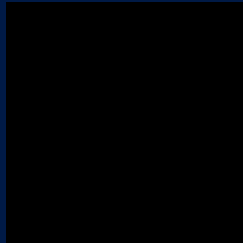
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 23.2420, -29.6200, 8.1720

Background



This preview shows how black text looks on a background with the YIQ color 23.2420, -29.6200, 8.1720.



This preview shows how white text looks on a background with the YIQ color 23.2420, -29.6200,

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

23.2420, -29.6200, 8.1720

Protanopia

23.9770, -27.5560, 3.8040

Deuteranopia

24.1250, -25.2170, -0.0410



Tritanopia

23.3610, -20.3100, -6.3740

Trichromacy



Original Color

23.2420, -29.6200, 8.1720

Protanomaly

23.7320, -28.2440, 5.2600

Deuteranomaly

23.7490, -26.9140, 3.1820

Tritanomaly

23.0820, -23.6580, -0.7620

Monochromacy



Original Color

23.2420, -29.6200, 8.1720

Achromatopsia

23.0000, 0.0000, -0.0000

Achromatomaly

23.1330, -10.5000, 3.0680

CSS Examples

Text

The CSS property to change the color of the text to YIQ 23.2420, -29.6200, 8.1720 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, 26, 70)` looks like.

```
.text, #text, p{  
    color:rgb(0, 26, 70)  
}
```

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, 26, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 26, 70) }
```

Border

The CSS property to change the border of an element to YIQ 23.2420, -29.6200, 8.1720 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, 26, 70) }
```


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

```
.border{ border-color:rgb(0, 26, 70) }
```

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

Here you see how a box with a 4 pixel rgb(0, 26, 70) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 26, 70); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 26, 70); box-shadow:4px  
4px 4px 4px rgb(0, 26, 70) }
```

Background

The CSS property to change the background color of an element to YIQ 23.2420, -29.6200, 8.1720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 26, 70) }
```

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

```
.background{ background-color: rgb(0, 26,  
70) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor