

Converting Colors

YIQ(6.4120, -15.1790, 16.2850)

Have a look what the booklet for
YIQ(6.4120, -15.1790, 16.2850)
contains.

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Color

**YIQ(6.4120, -15.1790,
16.2850)**

Conversions

Conversions Part 1

Format	Color
Hex	020033
RGB	2, 0, 51
RGB Percent	1%, 0%, 20%
CMY	0.9921, 1.0000, 0.8001
CMYK	0.96, 1.00, 0.00, 0.80
HSL	242°, 100%, 10%
HSV	242°, 100%, 20%
XYZ	0.6221, 0.2518, 3.1448
YIQ	6.4120, -15.1790, 16.2850

Conversions

Conversions Part 2

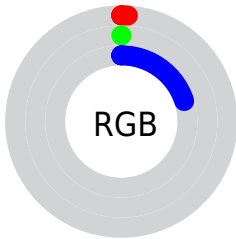
Format	Color
RYB	2, 0, 51
Decimal	131123
CIELab	2.27, 15.68, -29.86
CIElCh	2, 33.725, 297.712
Yxy	0.2518, 0.1548, 0.0626
Android (android.graphics.Color)	4278321203 (0xFF020033)
YUV	6.4120, 21.9819, -3.8693
Hunter-Lab	5.0176, 13.3517, -33.6487

Details

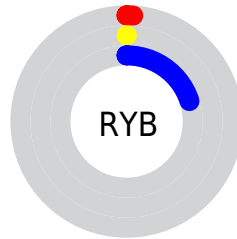
The YIQ color **6.4120, -15.1790, 16.2850** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **44.5880, 15.1790, -16.2850**, and the grayscale version is **6.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **53.4120, -15.1790, 16.2850**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **6.4120, -15.1790, 16.2850**, and if you desaturate by 10%, it is **10.8420, -13.5740, 14.7300**.

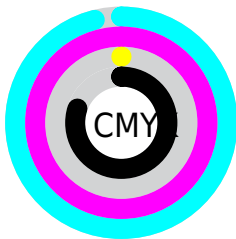
Distribution



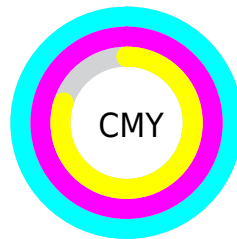
- Red (1%)
- Green (0%)
- Blue (20%)



- Red (1%)
- Yellow (0%)
- Blue (20%)



- Cyan (96%)
- Magenta (100%)
- Yellow (0%)
- Black (80%)



- Cyan (99%)
- Magenta (100%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 6.4120, -15.1790, 16.2850 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 6.4120, -15.1790, 16.2850 by changing the saturation by 10% instead.

■ 6.4120, -15.1790,
16.2850

■ 6.4120, -15.1790,
16.2850

■ 231.4100, -3.6700,
11.4500

■ 4.4800, -9.8590,
7.9730

■ 53.4120, -15.1790,
16.2850

■ 0.0000, 0.0000,
0.0000

■ 76.9390, -15.2250,
17.1190

■ 100.8790,
-14.9960, 18.4760

■ 126.4060,
-15.0420, 19.3100

■ 152.8190,
-14.7670, 19.8330

■ 179.4600,

-15.1340, 20.9780

■ 206.3030,
-13.2540, 19.9460

■ 6.4120, -15.1790,
16.2850

■ 10.8420, -13.5740,
14.7300

■ 15.2720, -11.9690,
13.1750

■ 19.7020, -10.3640,
11.6200

■ 24.1320, -8.7590,
10.0650

■ 28.2630, -7.7500,
8.2980

■ 33.2800, -6.4200,
6.2200

■ 37.7100, -4.8150,
4.6650

■ 42.1400, -3.2100,
3.1100

■ 46.5700, -1.6050,
1.5550

Harmonies

Analogous

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



14.6020, -21.8260, 10.0940



6.4120, -15.1790, 16.2850



15.1670, 10.4960, 19.0400

Triad

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



6.4120, -15.1790, 16.2850



11.0630, 22.0520, 7.8440



9.3750, -5.7300, -6.2900

Complementary

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



6.4120, -15.1790, 16.2850



44.5880, 15.1790, -16.2850

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.



8.8050, -4.1250, -7.8450



6.4120, -15.1790, 16.2850



8.5940, 7.0150, -0.4810

Square

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



6.4120, -15.1790, 16.2850



13.7540, 27.4160, 9.7520



8.8050, -4.1250, -7.8450



13.0400, -14.6720, 1.5840

Rectangle

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



6.4120, -15.1790, 16.2850



15.9630, 19.7580, 16.3820



8.8050, -4.1250, -7.8450

Sweetspot

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



6.4120, -15.1790, 16.2850



48.5790, -5.8240, 6.4320



34.5770, -29.8460, -9.7660



22.6670, -3.2560, 3.9440



161.0000, -0.0000, -0.0000



33.0000, -0.0000, -0.0000

Same Dimension

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



6.4120, -15.1790, 16.2850



8.4210, -19.3980, 21.1620



13.8870, -0.2790, 21.5850



23.3420, -0.9630, 0.9330



11.3420, -26.1850, 28.5270



27.4290, -64.2930, 69.3950

Inverse Universe

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



20.8350, 14.6670, 26.0510



27.0300, 18.7920, 33.8960



37.1130, 0.2790, -21.5850



24.1250, 1.1460, 1.2580



36.4150, 25.4380, 45.6140



88.5950, 62.5640, 110.6920

Previews

White Background



This preview shows how the YIQ color 6.4120, -15.1790, 16.2850 looks on a white background.

Color Contrast Check

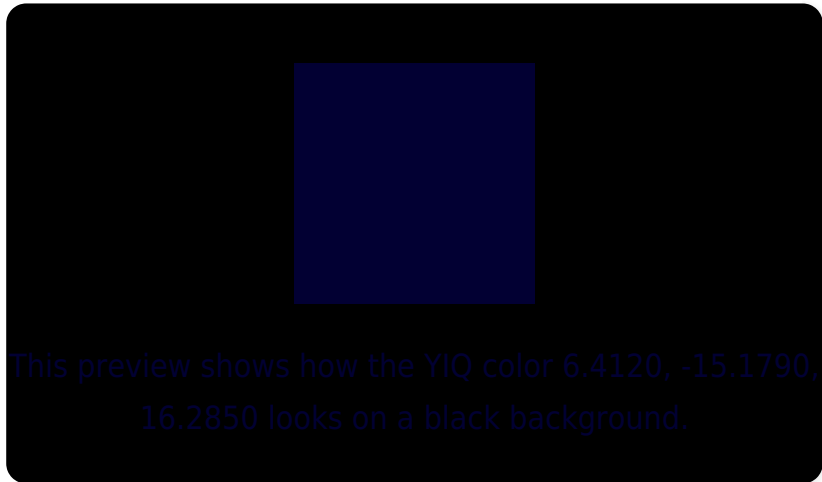
Large Text (above 18pt) WCAG AA ✓ Pass

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

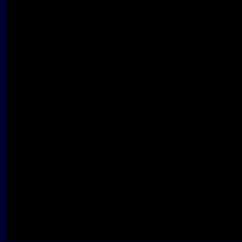
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 6.4120, -15.1790, 16.2850

Background



This preview shows how black text looks on a background with the YIQ color 6.4120, -15.1790, 16.2850.



This preview shows how white text looks on a background with the YIQ color 6.4120, -15.1790,

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

6.4120, -15.1790, 16.2850

Protanopia

12.3390, -14.0760, 1.7960

Deuteranopia

12.3560, -12.7460, -0.2820



Tritanopia

12.0310, -10.4530, -3.2930

Trichromacy



Original Color

6.4120, -15.1790, 16.2850

Protanomaly

10.5010, -14.3520, 6.8000

Deuteranomaly

10.1590, -13.3890, 5.8670

Tritanomaly

10.1760, -12.0590, 3.7890

Monochromacy



Original Color

6.4120, -15.1790, 16.2850

Achromatopsia

6.0000, -0.0000, 0.0000

Achromatomaly

6.3510, -5.1820, 5.8100

CSS Examples

Text

The CSS property to change the color of the text to YIQ 6.4120, -15.1790, 16.2850 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(2, 0, 51)` looks like.

```
.text, #text, p{  
    color:rgb(2, 0, 51)  
}
```

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(2, 0, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 0, 51) }
```

Border

The CSS property to change the border of an element to YIQ 6.4120, -15.1790, 16.2850 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(2, 0, 51) }
```


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

```
.border{ border-color:rgb(2, 0, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(2, 0, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 0, 51); -webkit-box-shadow:4px  
4px 4px 4px rgb(2, 0, 51); box-shadow:4px  
4px 4px 4px rgb(2, 0, 51) }
```

Background

The CSS property to change the background color of an element to YIQ 6.4120, -15.1790, 16.2850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 0, 51) }
```

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

```
.background{ background-color: rgb(2, 0,  
51) }
```

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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