

Converting Colors

YIQ(52.0130, -44.4320, 23.3120)

Have a look what the booklet for
YIQ(52.0130, -44.4320, 23.3120)
contains.

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Color

**YIQ(52.0130, -44.4320,
23.3120)**

Conversions

Conversions Part 1

Format	Color
Hex	18318D
RGB	24, 49, 141
RGB Percent	9%, 19%, 55%
CMY	0.9058, 0.8078, 0.4473
CMYK	0.83, 0.65, 0.00, 0.45
HSL	227°, 71%, 32%
HSV	227°, 83%, 55%
XYZ	6.2785, 4.3129, 25.6762
YIQ	52.0130, -44.4320, 23.3120

Conversions

Conversions Part 2

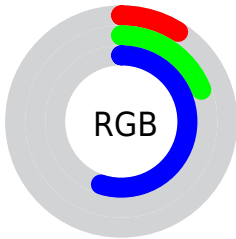
Format	Color
R_{YB}	24, 45, 141
Decimal	1585549
CIE Lab	24.68, 26.77, -53.42
CIE LCh	25, 59.758, 296.618
Yxy	4.3129, 0.1731, 0.1189
Android (android.graphics.Color)	4279775629 (0xFF18318D)
YUV	52.0130, 43.8706, -24.5674
Hunter-Lab	20.7676, 17.6210, -58.7667

Details

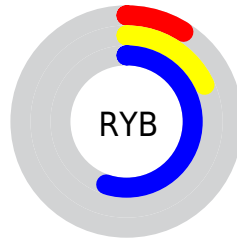
The YIQ color **52.0130, -44.4320, 23.3120** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **112.9870, 44.4320, -23.3120**, and the grayscale version is **52.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **105.0190, -35.4010, 30.3510**, and **14.3690, -30.8150, 24.3290** is the 20% darker color. If you saturate the color by 10%, you get **41.3700, -49.7510, 26.0970**, and if you desaturate by 10%, it is **62.6560, -39.1130, 20.5270**.

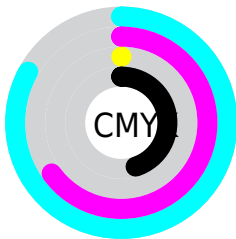
Distribution



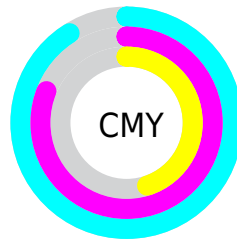
- Red (9%)
- Green (19%)
- Blue (55%)



- Red (9%)
- Yellow (18%)
- Blue (55%)



- Cyan (83%)
- Magenta (65%)
- Yellow (0%)
- Black (45%)



- Cyan (91%)
- Magenta (81%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 52.0130, -44.4320, 23.3120 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 52.0130, -44.4320, 23.3120 by changing the saturation by 10% instead.

■ 52.0130, -44.4320,
23.3120

■ 52.0130, -44.4320,
23.3120

■ 255.0000, -0.0000,
-0.0000

■ 29.5460, -44.6150,
21.1210

■ 105.0190,
-35.4010, 30.3510

■ 14.3690, -30.8150,
24.3290

■ 131.5570,
-33.9800, 32.1320

■ 9.7580, -21.9650,
18.1230

■ 157.9100,
-33.4760, 34.0120

■ 6.5490, -14.3070,
11.4930

■ 182.6580,
-24.2590, 26.6610

■ 2.8670, -6.6950,
5.6970

■ 207.1780,
-14.4000, 18.6880

■ 0.0000, 0.0000,
0.0000

■ 232.5840, -4.2200,

■ 52.0130, -44.4320,
23.3120

■ 52.0130, -44.4320,
23.3120

■ 41.3700, -49.7510,
26.0970

■ 62.6560, -39.1130,
20.5270

■ 33.6840, -53.5110,
28.1610

■ 73.2990, -33.7940,
17.7420

■ 83.9420, -28.4750,
14.9570

■ 94.5850, -23.1560,
12.1720

■ 105.2280,
-17.8370, 9.3870

■ 116.1700,
-11.9220, 6.8140

■ 127.4000, -6.8780,
3.5060

■ 138.0430, -1.5590,
0.7210

■ 148.6860, 3.7600,
-2.0640

Harmonies

Analogous

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



56.5430, -66.8960, 11.9200



52.0130, -44.4320, 23.3120



49.6910, 24.8410, 50.9290

Triad

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



52.0130, -44.4320, 23.3120



51.6740, 56.7600, 6.5840



49.9530, -37.3170, -23.0530

Complementary

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



52.0130, -44.4320, 23.3120



112.9870, 44.4320, -23.3120

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.



42.8510, -20.0750, -38.1790



52.0130, -44.4320, 23.3120



55.3080, 30.7670, -12.4410

Square

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



52.0130, -44.4320, 23.3120



41.3780, 70.4180, 34.4020



48.8970, 0.6470, -28.2570



55.7840, -52.3580, -9.2700

Rectangle

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



52.0130, -44.4320, 23.3120



46.9080, 49.0950, 51.9030



48.8970, 0.6470, -28.2570



48.1290, -32.1810, -28.0290

Sweetspot

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



52.0130, -44.4320, 23.3120



149.1140, -17.5160, 9.0760



103.1670, -61.7070, -32.5790



70.7140, -10.6380, 5.5700



219.0000, 0.0000, -0.0000



92.0000, 0.0000, -0.0000

Same Dimension

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



52.0130, -44.4320, 23.3120



43.8690, -69.7890, 36.8270



47.2050, -17.8890, 43.3830



65.9720, -2.7970, 1.1310



32.4130, -51.3100, 26.8180



2.0860, -3.1180, 1.4420

Inverse Universe

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



61.8330, 61.7070, 32.5790



59.4620, 97.1450, 51.1370



117.7950, 17.8890, -43.3830



66.3210, 3.5300, 2.1060



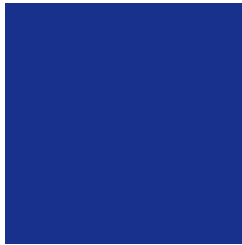
43.6710, 71.1510, 37.6390



2.6200, 4.1260, 2.3180

Previews

White Background



This preview shows how the YIQ color 52.0130, -44.4320, 23.3120 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 52.0130, -44.4320, 23.3120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

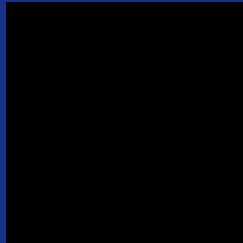
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 52.0130, -44.4320, 23.3120

Background



This preview shows how black text looks on a background with the YIQ color 52.0130, -44.4320, 23.3120.



This preview shows how white text looks on a background with the YIQ color 52.0130, -44.4320,

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

52.0130, -44.4320, 23.3120

Protanopia

47.1390, -54.1950, 7.5090

Deuteranopia

46.8480, -49.2420, 0.3420



Tritanopia

46.0210, -40.0240, -12.5360

Trichromacy



Original Color

52.0130, -44.4320, 23.3120

Protanomaly

48.9810, -50.5740, 13.4740

Deuteranomaly

48.7870, -47.2720, 8.6960

Tritanomaly

48.1540, -41.3560, 0.5960

Monochromacy



Original Color

52.0130, -44.4320, 23.3120

Achromatopsia

52.0000, -0.0000, -0.0000

Achromatomaly

52.0710, -15.9570, 8.3550

CSS Examples

Text

The CSS property to change the color of the text to YIQ 52.0130, -44.4320, 23.3120 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(24, 49, 141)` looks like.

```
.text, #text, p{  
    color:rgb(24, 49, 141)  
}
```

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(24, 49, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 49, 141) }
```

Border

The CSS property to change the border of an element to YIQ 52.0130, -44.4320, 23.3120 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(24, 49, 141) }
```


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

```
.border{ border-color:rgb(24, 49, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(24, 49, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 49, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 49, 141);  
box-shadow:4px 4px 4px 4px rgb(24, 49,  
141) }
```

Background

The CSS property to change the background color of an element to YIQ 52.0130, -44.4320, 23.3120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 49, 141) }
```

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

```
.background{ background-color: rgb(24, 49,  
141) }
```

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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