

Converting Colors

YIQ(124.7930, -81.7990,
23.2010)

Have a look what the booklet for
YIQ(124.7930, -81.7990, 23.2010)
contains.

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Color

**YIQ(124.7930, -81.7990,
23.2010)**

Conversions

Conversions Part 1

Format	Color
Hex	3D84FF
RGB	61, 132, 255
RGB Percent	24%, 52%, 100%
CMY	0.7608, 0.4822, 0.0004
CMYK	0.76, 0.48, 0.00, 0.00
HSL	218°, 100%, 62%
HSV	218°, 76%, 100%
XYZ	28.2111, 24.7152, 97.8010
YIQ	124.7930, -81.7990, 23.2010

Conversions

Conversions Part 2

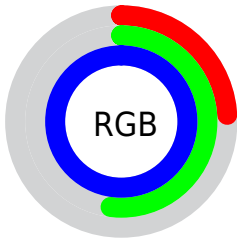
Format	Color
RYB	61, 113, 255
Decimal	4031743
CIELab	56.80, 19.75, -67.46
CIElCh	57, 70.290, 286.316
Yxy	24.7152, 0.1872, 0.1640
Android (android.graphics.Color)	4282221823 (0xFF3D84FF)
YUV	124.7930, 64.1921, -55.9465
Hunter-Lab	49.7144, 14.2923, -81.8387

Details

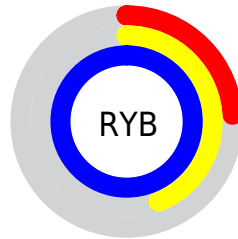
The YIQ color **124.7930, -81.7990, 23.2010** is a dark color, and the websafe version is hex **6699FF**. The color can be described as middle washed azure. A complement of this color would be **191.2070, 81.7990, -23.2010**, and the grayscale version is **124.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **177.1440, -52.5910, 11.4810**, and **71.7660, -86.3370, 17.3350** is the 20% darker color. If you saturate the color by 10%, you get **107.9260, -92.2990, 26.2690**, and if you desaturate by 10%, it is **141.6600, -71.2990, 20.1330**.

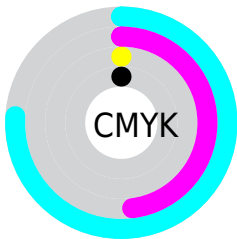
Distribution



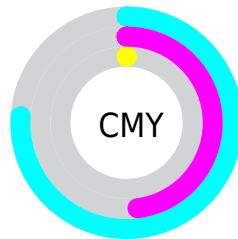
- Red (24%)
- Green (52%)
- Blue (100%)



- Red (24%)
- Yellow (44%)
- Blue (100%)



- Cyan (76%)
- Magenta (48%)
- Yellow (0%)
- Black (0%)



- Cyan (76%)
- Magenta (48%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 124.7930, -81.7990, 23.2010 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 124.7930, -81.7990, 23.2010 by changing the saturation by 10% instead.

■ 124.7930,
-81.7990, 23.2010

■ 124.7930,
-81.7990, 23.2010

■ 255.0000, -0.0000,
-0.0000

■ 88.5730,
-101.9710, 14.3250

■ 177.1440,
-52.5910, 11.4810

■ 71.7660, -86.3370,
17.3350

■ 203.1480,
-41.2190, 3.6210

■ 55.0730, -71.0240,
20.6560

■ 228.8530,
-30.4430, -4.4510

■ 40.2550, -56.8570,
22.7190

■ 246.9270,
-16.0920, -5.7240

■ 27.3120, -43.8360,
23.5240

■ 15.5430, -31.3650,
23.2830

■ 11.6330, -23.1110,

16.8650

■ 6.6630, -14.6280,
11.8040

■ 2.9810, -7.0160,
6.0080

■ 124.7930,
-81.7990, 23.2010

■ 124.7930,
-81.7990, 23.2010

■ 107.9260,
-92.2990, 26.2690

■ 141.6600,
-71.2990, 20.1330

■ 90.7600,
-103.3950, 29.1250

■ 158.8260,
-60.2030, 17.2770

■ 83.6610,
-107.4300, 30.6660

■ 175.6930,
-49.7030, 14.2090

■ 193.4460,
-38.8820, 10.8300

■ 210.3130,
-28.3820, 7.7620

■ 227.4790,
-17.2860, 4.9060

■ 244.3460, -6.7860,
1.8380

■ 255.0000, -0.0000,
-0.0000

Harmonies

Analogous

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



117.7070, -123.3800, 0.3320



124.7930, -81.7990, 23.2010



139.5890, 7.6930, 53.3330

Triad

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



124.7930, -81.7990, 23.2010



128.8110, 93.1630, 13.1550



107.0640, -78.2550, -52.0710

Complementary

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



124.7930, -81.7990, 23.2010



191.2070, 81.7990, -23.2010

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.



112.5060, -24.1980, -57.0780



124.7930, -81.7990, 23.2010



128.1140, 77.6270, -24.6850

Square

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



124.7930, -81.7990, 23.2010



126.1300, 92.1480, 48.0840



124.2950, 39.6680, -47.1160



115.5340, -99.3490, -33.2130

Rectangle

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



124.7930, -81.7990, 23.2010



135.5200, 47.6720, 61.1760



124.2950, 39.6680, -47.1160



104.0830, -71.2390, -58.0790

Sweetspot

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



124.7930, -81.7990, 23.2010



215.6400, -24.9890, 6.8430



188.9000, -92.8330, -63.2090



103.7350, -15.1310, 4.3970



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.



124.7930, -81.7990, 23.2010



99.3430, -97.8470, 27.6970



90.8900, -46.7780, 65.8460



118.8300, -5.2730, 1.9510



62.8640, -80.5610, 22.7910



20.7970, -26.8690, 7.8750

Inverse Universe

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



127.1000, 92.8330, 63.2090



102.0580, 110.9870, 75.6190



225.1100, 46.7780, -65.8460



119.3430, 6.4640, 4.0000



65.0890, 91.3660, 62.2620



21.7580, 30.7610, 20.7210

Previews

White Background



This preview shows how the YIQ color 124.7930, -81.7990, 23.2010 looks on a white background.

Color Contrast Check

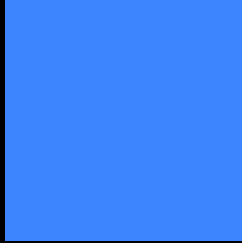
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 124.7930, -81.7990, 23.2010 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

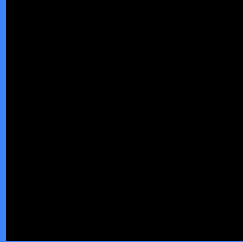
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

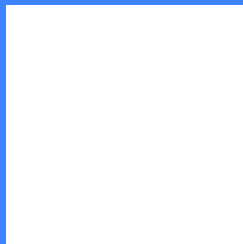
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 124.7930, -81.7990, 23.2010

Background



This preview shows how black text looks on a background with the YIQ color 124.7930, -81.7990, 23.2010.



This preview shows how white text looks on a background with the YIQ color 124.7930, -81.7990,

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

124.7930, -81.7990, 23.2010

Protanopia

126.4840, -76.4350, 25.1090

Deuteranopia

108.5940, -115.6320, 3.0880

Trichromacy



Original Color

124.7930, -81.7990, 23.2010

Protanomaly

125.5870, -78.2230, 24.4730

Deuteranomaly

114.5680, -103.5750, 10.3530

Monochromacy



Original Color

124.7930, -81.7990, 23.2010

Achromatopsia

125.0000, 0.0000, 0.0000

Achromatomaly

125.2420, -29.6200, 8.1720

CSS Examples

Text

The CSS property to change the color of the text to YIQ 124.7930, -81.7990, 23.2010 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(61, 132, 255)` looks like.

```
.text, #text, p{  
    color:rgb(61, 132, 255)  
}
```

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(61, 132, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 132, 255) }
```

Border

The CSS property to change the border of an element to YIQ 124.7930, -81.7990, 23.2010 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(61, 132, 255) }
```

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

```
.border{ border-color:rgb(61, 132, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 132, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 132, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 132, 255);  
box-shadow:4px 4px 4px 4px rgb(61, 132,  
255) }
```


Background

The CSS property to change the background color of an element to YIQ 124.7930, -81.7990, 23.2010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 132, 255) }
```

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

```
.background{ background-color: rgb(61, 132,  
255) }
```

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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