

Converting Colors

YIQ(123.7400, -22.6950,
-1.6950)

Have a look what the booklet for
YIQ(123.7400, -22.6950, -1.6950)
contains.

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Color

**YIQ(123.7400, -22.6950,
-1.6950)**

Conversions

Conversions Part 1

Format	Color
Hex	658392
RGB	101, 131, 146
RGB Percent	40%, 51%, 57%
CMY	0.6040, 0.4862, 0.4275
CMYK	0.31, 0.10, 0.00, 0.43
HSL	200°, 18%, 48%
HSV	200°, 31%, 57%
XYZ	18.6693, 21.0763, 30.2677
YIQ	123.7400, -22.6950, -1.6950

Conversions

Conversions Part 2

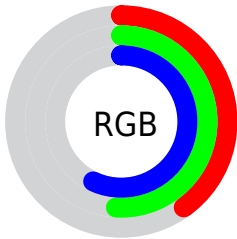
Format	Color
R_{YB}	101, 119, 146
Decimal	6652818
CIE _{Lab}	53.03, -6.91, -11.51
CIE _{LCh}	53, 13.420, 239.020
Yxy	21.0763, 0.2667, 0.3010
Android (android.graphics.Color)	4284842898 (0xFF658392)
YUV	123.7400, 10.9742, -19.9430
Hunter-Lab	45.9089, -7.7518, -6.9536

Details

The YIQ color $123.7400, -22.6950, -1.6950$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $123.2600, 22.6950, 1.6950$, and the grayscale version is $124.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $176.5550, -23.6120, -1.5960$, and $74.6260, -22.3740, -2.0060$ is the 20% darker color. If you saturate the color by 10%, you get $116.3200, -30.2600, -2.2600$, and if you desaturate by 10%, it is $131.1600, -15.1300, -1.1300$.

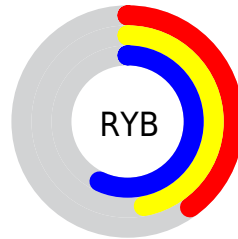
Distribution



Red (40%)

Green (51%)

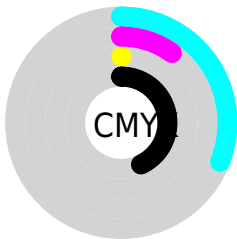
Blue (57%)



Red (40%)

Yellow (47%)

Blue (57%)

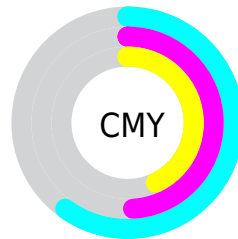


Cyan (31%)

Magenta (10%)

Yellow (0%)

Black (43%)



Cyan (60%)

Magenta (49%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 123.7400, -22.6950, -1.6950 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 123.7400, -22.6950, -1.6950 by changing the saturation by 10% instead.

■ 123.7400,
-22.6950, -1.6950

■ 123.7400,
-22.6950, -1.6950

■ 255.0000, -0.0000,
-0.0000

■ 98.6260, -22.3740,
-2.0060

■ 176.5550,
-23.6120, -1.5960

■ 74.5120, -22.0530,
-2.3170

■ 204.2560,
-24.2080, -1.8080

■ 51.2130, -22.6490,
-2.5290

■ 232.1420,
-23.8870, -2.1190

■ 28.2020, -24.1160,
-3.4760

■ 249.6180,
-10.7280, -3.8160

■ 12.5840, -13.3880,
0.3400

■ 0.0000, 0.0000,
0.0000

■ 123.7400,
-22.6950, -1.6950

■ 123.7400,
-22.6950, -1.6950

■ 116.3200,
-30.2600, -2.2600

■ 131.1600,
-15.1300, -1.1300

■ 109.1990,
-37.2290, -2.6130

■ 138.2810, -8.1610,
-0.7770

■ 101.7790,
-44.7940, -3.1780

■ 145.7010, -0.5960,
-0.2120

■ 95.2450, -52.0380,
-4.0540

■ 152.2350, 6.6480,
0.6640

■ 87.8250, -59.6030,
-4.6190

■ 159.6550, 14.2130,
1.2290

■ 80.4050, -67.1680,
-5.1840

■ 167.0750, 21.7780,
1.7940

■ 73.5830, -73.5410,
-5.3250

■ 174.1960, 28.7470,
2.1470

■ 181.6160, 36.3120,

2.7120

 188.7370, 43.2810,
3.0650

Harmonies

Analogous

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



122.3930, -23.3360, -6.6000



123.7400, -22.6950, -1.6950



125.9090, -15.6810, 3.3510

Triad

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



123.7400, -22.6950, -1.6950



128.8820, 15.3120, 8.8480



124.5840, 3.8070, -8.4250

Complementary

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



123.7400, -22.6950, -1.6950



123.2600, 22.6950, 1.6950

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.



126.4820, 13.0220, -4.7220



123.7400, -22.6950, -1.6950



128.2260, 20.0350, 5.8510

Square

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



123.7400, -22.6950, -1.6950



128.4450, 6.4170, 10.3610



127.4660, 19.1190, 0.4230



123.3700, -7.3340, -10.2620

Rectangle

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



123.7400, -22.6950, -1.6950



127.0240, -8.5750, 6.7290



127.4660, 19.1190, 0.4230



125.3780, 7.3830, -7.1530

Sweetspot

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



123.7400, -22.6950, -1.6950



180.3950, -8.4820, -0.4660



129.0110, -16.8690, -19.1810



89.2490, -5.1350, -0.5510



222.0000, -0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



123.7400, -22.6950, -1.6950



153.9820, -35.1200, -2.2880



110.8260, -16.6450, 9.8110



70.1460, -3.3470, 0.0850



69.7360, -69.5980, -5.1980



5.2490, -5.1350, -0.5510

Inverse Universe

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



117.8750, 17.1900, 18.8700



145.1740, 26.9540, 29.1460



136.1740, 16.6450, -9.8110



69.5490, 2.8880, 2.7280



51.7500, 52.7160, 57.8680



3.7880, 3.7130, 4.2970

Previews

White Background



This preview shows how the YIQ color 123.7400, -22.6950, -1.6950 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 123.7400, -22.6950, -1.6950 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 123.7400, -22.6950, -1.6950

Background



This preview shows how black text looks on a background with the YIQ color 123.7400, -22.6950, -1.6950.



This preview shows how white text looks on a background with the YIQ color 123.7400, -22.6950, -1.6950.

-1.6950.

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

123.7400, -22.6950, -1.6950

Protanopia

126.6390, -6.0530, 5.0750

Deuteranopia

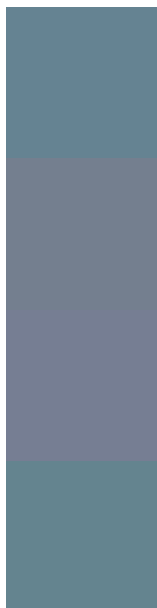
127.3450, -5.0450, 8.8350



Tritanopia

123.5720, -22.2820, -3.6740

Trichromacy



Original Color

123.7400, -22.6950, -1.6950

Protanomaly

125.5350, -11.6920, 2.6440

Deuteranomaly

126.0020, -11.5090, 4.8350

Tritanomaly

123.6860, -22.6030, -3.3630

Monochromacy



Original Color

123.7400, -22.6950, -1.6950

Achromatopsia

124.0000, -0.0000, -0.0000

Achromatomaly

124.2810, -8.1610, -0.7770

CSS Examples

Text

The CSS property to change the color of the text to YIQ 123.7400, -22.6950, -1.6950 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(101, 131, 146)` looks like.

```
.text, #text, p{  
    color:rgb(101, 131, 146)  
}
```

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(101, 131, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 131, 146) }
```

Border

The CSS property to change the border of an element to YIQ 123.7400, -22.6950, -1.6950 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(101, 131, 146) }
```


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

```
.border{ border-color:rgb(101, 131, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 131, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 131, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 131, 146);  
box-shadow:4px 4px 4px 4px rgb(101, 131,  
146) }
```

Background

The CSS property to change the background color of an element to YIQ 123.7400, -22.6950, -1.6950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 131, 146) }
```

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

```
.background{ background-color: rgb(101,  
131, 146) }
```

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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