

Converting Colors

YIQ(130.1950, -22.2380, 6.5460)

Have a look what the booklet for
YIQ(130.1950, -22.2380, 6.5460)
contains.

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Color

**YIQ(130.1950, -22.2380,
6.5460)**

Conversions

Conversions Part 1

Format	Color
Hex	7184A6
RGB	113, 132, 166
RGB Percent	44%, 52%, 65%
CMY	0.5569, 0.4823, 0.3491
CMYK	0.32, 0.20, 0.00, 0.35
HSL	218°, 23%, 55%
HSV	218°, 32%, 65%
XYZ	21.9419, 22.7671, 39.3004
YIQ	130.1950, -22.2380, 6.5460

Conversions

Conversions Part 2

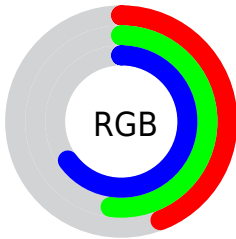
Format	Color
R_{YB}	113, 127, 166
Decimal	7439526
CIE _{Lab}	54.83, 1.42, -20.28
CIE _{LCh}	55, 20.325, 273.994
Yxy	22.7671, 0.2612, 0.2710
Android (android.graphics.Color)	4285629606 (0xFF7184A6)
YUV	130.1950, 17.6519, -15.0800
Hunter-Lab	47.7149, -1.4172, -15.4338

Details

The YIQ color $130.1950, -22.2380, 6.5460$ is a dark color, and the websafe version is hex $6699CC$. A complement of this color would be $148.8050, 22.2380, -6.5460$, and the grayscale version is $130.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $183.4230, -22.8800, 7.1680$, and $80.5540, -21.8710, 5.4010$ is the 20% darker color. If you saturate the color by 10%, you get $118.6550, -29.3450, 8.6950$, and if you desaturate by 10%, it is $141.7350, -15.1310, 4.3970$.

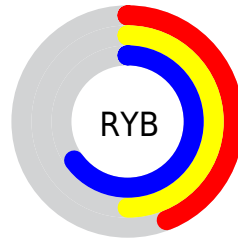
Distribution



Red (44%)

Green (52%)

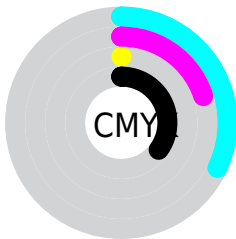
Blue (65%)



Red (44%)

Yellow (50%)

Blue (65%)

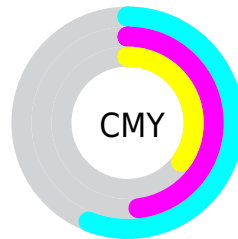


Cyan (32%)

Magenta (20%)

Yellow (0%)

Black (35%)



Cyan (56%)

Magenta (48%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 130.1950, -22.2380, 6.5460 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 130.1950, -22.2380, 6.5460 by changing the saturation by 10% instead.

■ 130.1950,
-22.2380, 6.5460

■ 130.1950,
-22.2380, 6.5460

■ 255.0000, -0.0000,
-0.0000

■ 105.0810,
-21.9170, 6.2350

■ 183.4230,
-22.8800, 7.1680

■ 80.5540, -21.8710,
5.4010

■ 211.5370,
-23.2010, 7.4790

■ 57.0270, -21.8250,
4.5670

■ 236.9150,
-15.8180, 0.3260

■ 33.7170, -23.8880,
3.4080

■ 253.8040, -2.3840,
-0.8480

■ 14.9950, -18.7990,
4.7930

■ 3.2090, -7.6580,
6.6300

■ 0.0000, 0.0000,

0.0000

■ 130.1950,
-22.2380, 6.5460

■ 130.1950,
-22.2380, 6.5460

■ 118.6550,
-29.3450, 8.6950

■ 141.7350,
-15.1310, 4.3970

■ 108.0010,
-36.1310, 10.5330

■ 152.3890, -8.3450,
2.5590

■ 96.4610, -43.2380,
12.6820

■ 163.9290, -1.2380,
0.4100

■ 85.2200, -49.7490,
15.0430

■ 175.1700, 5.2730,
-1.9510

■ 74.2670, -57.1310,
16.6690

■ 186.1230, 12.6550,
-3.5770

■ 62.7270, -64.2380,
18.8180

■ 197.6630, 19.7620,
-5.7260

■ 54.1440, -69.7860,
20.2460

■ 208.3170, 26.5480,
-7.5640

■ 219.8570, 33.6550,
-9.7130

■ 229.0050, 35.9940,
-13.5580

Harmonies

Analogous

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



126.0960, -35.4410, -1.9770



130.1950, -22.2380, 6.5460



133.1650, -4.3580, 12.9060

Triad

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



130.1950, -22.2380, 6.5460



132.8420, 29.9840, 7.2640



126.0870, -14.0270, -15.6190

Complementary

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



130.1950, -22.2380, 6.5460



148.8050, 22.2380, -6.5460

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.



128.2370, 3.1660, -13.3300



130.1950, -22.2380, 6.5460



131.7180, 27.0970, -0.9910

Square

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



130.1950, -22.2380, 6.5460



133.6060, 25.0770, 13.5970



130.2990, 17.7910, -8.5530



123.6430, -30.2120, -14.1480

Rectangle

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



130.1950, -22.2380, 6.5460



134.0910, 7.6540, 15.4780



130.2990, 17.7910, -8.5530



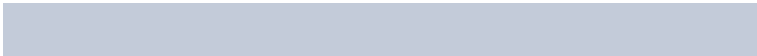
126.7240, -8.5710, -15.3790

Sweetspot

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



130.1950, -22.2380, 6.5460



202.2040, -9.2620, 2.6580



147.9870, -25.4890, -17.1450



100.5310, -5.8690, 1.7390



237.0000, -0.0000, -0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



130.1950, -22.2380, 6.5460



161.0720, -34.8930, 10.1230



121.1350, -12.8410, 17.9670



78.6730, -3.3930, 0.9190



47.9830, -62.0830, 18.3090



6.3890, -8.3450, 2.5590

Inverse Universe

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



131.0130, 25.4890, 17.1450



162.2370, 39.8380, 26.9260



157.8650, 12.8410, -17.9670



78.7340, 3.8050, 2.6290



50.2940, 71.1950, 47.8590



6.7780, 9.6730, 6.4170

Previews

White Background



This preview shows how the YIQ color 130.1950, -22.2380, 6.5460 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 130.1950, -22.2380, 6.5460 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

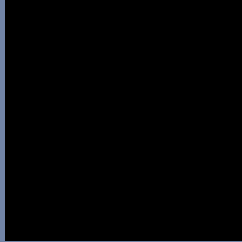
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

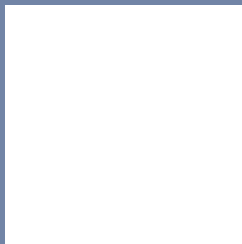
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 130.1950, -22.2380, 6.5460

Background



This preview shows how black text looks on a background with the YIQ color 130.1950, -22.2380, 6.5460.

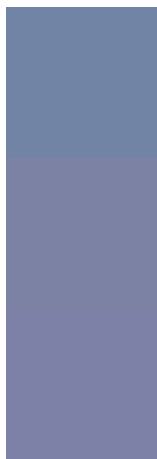


This preview shows how white text looks on a background with the YIQ color 130.1950, -22.2380,

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

130.1950, -22.2380, 6.5460

Protanopia

131.7830, -15.0860, 9.0900

Deuteranopia

132.1360, -14.5820, 10.9700



Tritanopia

128.4800, -19.0270, -2.0910

Trichromacy



Original Color

130.1950, -22.2380, 6.5460

Protanomaly

131.2880, -18.0660, 8.0300

Deuteranomaly

131.5270, -17.2410, 9.5990

Tritanomaly

128.9900, -20.4030, 0.8210

Monochromacy



Original Color

130.1950, -22.2380, 6.5460

Achromatopsia

130.0000, -0.0000, -0.0000

Achromatomaly

130.2750, -8.0240, 2.2480

CSS Examples

Text

The CSS property to change the color of the text to YIQ 130.1950, -22.2380, 6.5460 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(113, 132, 166)` looks like.

```
.text, #text, p{  
    color:rgb(113, 132, 166)  
}
```

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(113, 132, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 132, 166) }
```

Border

The CSS property to change the border of an element to YIQ 130.1950, -22.2380, 6.5460 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(113, 132, 166) }
```


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

```
.border{ border-color:rgb(113, 132, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 132, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 132, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 132, 166);  
box-shadow:4px 4px 4px 4px rgb(113, 132,  
166) }
```

Background

The CSS property to change the background color of an element to YIQ 130.1950, -22.2380, 6.5460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 132, 166) }
```

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

```
.background{ background-color: rgb(113,  
132, 166) }
```

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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