

Converting Colors

YIQ(121.3630, -22.6510, 8.5250)

Have a look what the booklet for
YIQ(121.3630, -22.6510, 8.5250)
contains.

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Color

**YIQ(121.3630, -22.6510,
8.5250)**

Conversions

Conversions Part 1

Format	Color
Hex	697AA1
RGB	105, 122, 161
RGB Percent	41%, 48%, 63%
CMY	0.5882, 0.5215, 0.3687
CMYK	0.35, 0.24, 0.00, 0.37
HSL	222°, 23%, 52%
HSV	222°, 35%, 63%
XYZ	19.2160, 19.4960, 36.4544
YIQ	121.3630, -22.6510, 8.5250

Conversions

Conversions Part 2

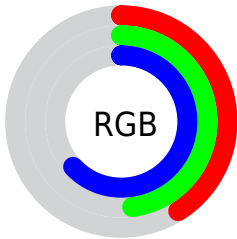
Format	Color
R_{YB}	105, 118, 161
Decimal	6912673
CIE Lab	51.26, 3.53, -22.91
CIE LCh	51, 23.177, 278.767
Yxy	19.4960, 0.2556, 0.2594
Android (android.graphics.Color)	4285102753 (0xFF697AA1)
YUV	121.3630, 19.5410, -14.3504
Hunter-Lab	44.1543, 0.4134, -18.0427

Details

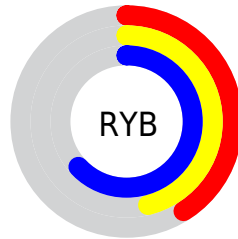
The YIQ color **121.3630, -22.6510, 8.5250** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **144.6370, 22.6510, -8.5250**, and the grayscale version is **121.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **174.0040, -23.0180, 9.6700**, and **72.3090, -22.5590, 6.8570** is the 20% darker color. If you saturate the color by 10%, you get **110.1220, -29.1620, 10.8860**, and if you desaturate by 10%, it is **132.6040, -16.1400, 6.1640**.

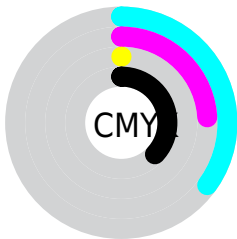
Distribution



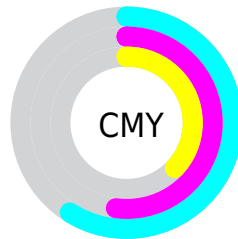
- Red (41%)
- Green (48%)
- Blue (63%)



- Red (41%)
- Yellow (46%)
- Blue (63%)



- Cyan (35%)
- Magenta (24%)
- Yellow (0%)
- Black (37%)



- Cyan (59%)
- Magenta (52%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 121.3630, -22.6510, 8.5250 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 121.3630, -22.6510, 8.5250 by changing the saturation by 10% instead.

■ 121.3630,
-22.6510, 8.5250

■ 121.3630,
-22.6510, 8.5250

■ 255.0000, -0.0000,
-0.0000

■ 96.2490, -22.3300,
8.2140

■ 174.0040,
-23.0180, 9.6700

■ 72.3090, -22.5590,
6.8570

■ 201.7050,
-23.6140, 9.4580

■ 48.5970, -23.4300,
6.1220

■ 227.7670,
-18.1570, 4.1710

■ 25.1620, -26.6390,
3.7050

■ 251.1130, -7.7480,
-2.7560

■ 6.9080, -13.9400,
10.3480

■ 2.5250, -5.7320,
4.7640

■ 0.0000, 0.0000,

0.0000

■ 121.3630,
-22.6510, 8.5250

■ 121.3630,
-22.6510, 8.5250

■ 110.1220,
-29.1620, 10.8860

■ 132.6040,
-16.1400, 6.1640

■ 98.8810, -35.6730,
13.2470

■ 143.8450, -9.6290,
3.8030

■ 87.0530, -41.9090,
16.1310

■ 155.6730, -3.3930,
0.9190

■ 75.8120, -48.4200,
18.4920

■ 166.9140, 3.1180,
-1.4420

■ 64.5710, -54.9310,
20.8530

■ 178.1550, 9.6290,
-3.8030

■ 53.0310, -62.0380,
23.0020

■ 189.6950, 16.7360,
-5.9520

■ 47.1170, -65.1560,
24.4440

■ 200.9360, 23.2470,
-8.3130

■ 212.7640, 29.4830,
-11.1970

■ 224.0050, 35.9940,
-13.5580

Harmonies

Analogous

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



116.1710, -40.0260, -1.4820



121.3630, -22.6510, 8.5250



124.4150, -2.0660, 15.4220

Triad

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



121.3630, -22.6510, 8.5250



123.5820, 33.6520, 6.8680



115.0970, -19.9870, -17.7390

Complementary

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



121.3630, -22.6510, 8.5250



144.6370, 22.6510, -8.5250

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.



117.8020, -0.0430, -15.7470



121.3630, -22.6510, 8.5250



122.1480, 28.7020, -2.5460

Square

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



121.3630, -22.6510, 8.5250



124.2860, 28.9740, 14.5580



120.5330, 17.0120, -10.9560



111.9840, -38.6020, -16.2820

Rectangle

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



121.3630, -22.6510, 8.5250



125.4120, 11.1840, 17.5840



120.5330, 17.0120, -10.9560



116.2180, -13.0180, -17.3860

Sweetspot

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



121.3630, -22.6510, 8.5250



194.5030, -8.6660, 2.8700



142.2040, -27.5980, -17.4700



95.8300, -5.2730, 1.9510



232.0000, -0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



121.3630, -22.6510, 8.5250



146.8810, -35.6730, 13.2470



114.3740, -12.0160, 19.5360



75.7870, -3.7140, 1.2300



42.3580, -58.6450, 22.0830



4.9870, -7.1530, 2.9830

Inverse Universe

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



123.6820, 27.9190, 17.1590



150.3900, 43.7810, 27.0530



151.6260, 12.0160, -19.5360



76.0330, 4.4010, 2.8410



48.3710, 72.2960, 44.4240



5.9520, 9.1230, 5.3710

Previews

White Background



This preview shows how the YIQ color 121.3630, -22.6510, 8.5250 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 121.3630, -22.6510, 8.5250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

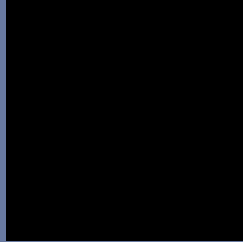
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

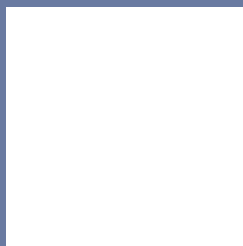
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 121.3630, -22.6510, 8.5250

Background



This preview shows how black text looks on a background with the YIQ color 121.3630, -22.6510, 8.5250.



This preview shows how white text looks on a background with the YIQ color 121.3630, -22.6510,

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

121.3630, -22.6510, 8.5250

Protanopia

121.8690, -18.2040, 10.5320

Deuteranopia

122.2820, -17.9290, 11.0550



Tritanopia

119.1810, -19.6230, -2.3030

Trichromacy



Original Color

121.3630, -22.6510, 8.5250

Protanomaly

121.8580, -19.6710, 9.5850

Deuteranomaly

121.9720, -19.9920, 9.8960

Tritanomaly

120.2180, -21.0450, 1.4430

Monochromacy



Original Color

121.3630, -22.6510, 8.5250

Achromatopsia

121.0000, -0.0000, 0.0000

Achromatomaly

120.9160, -8.3910, 3.3930

CSS Examples

Text

The CSS property to change the color of the text to YIQ 121.3630, -22.6510, 8.5250 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(105, 122, 161)` looks like.

```
.text, #text, p{  
    color:rgb(105, 122, 161)  
}
```

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(105, 122, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 122, 161) }
```

Border

The CSS property to change the border of an element to YIQ 121.3630, -22.6510, 8.5250 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(105, 122, 161) }
```


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

```
.border{ border-color:rgb(105, 122, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 122, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 122, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 122, 161);  
box-shadow:4px 4px 4px 4px rgb(105, 122,  
161) }
```

Background

The CSS property to change the background color of an element to YIQ 121.3630, -22.6510, 8.5250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 122, 161) }
```

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

```
.background{ background-color: rgb(105,  
122, 161) }
```

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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