

Converting Colors

YIQ(150.6550, -2.9820, 9.9940)

Have a look what the booklet for
YIQ(150.6550, -2.9820, 9.9940)
contains.

YIQ(150.6550, -2.9820, 9.9940)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(150.6550, -2.9820,
9.9940)**

Conversions

Conversions Part 1

Format	Color
Hex	9A91AB
RGB	154, 145, 171
RGB Percent	60%, 57%, 67%
CMY	0.3960, 0.4314, 0.3294
CMYK	0.10, 0.15, 0.00, 0.33
HSL	261°, 13%, 62%
HSV	261°, 15%, 67%
XYZ	30.8030, 30.0606, 42.7028
YIQ	150.6550, -2.9820, 9.9940

Conversions

Conversions Part 2

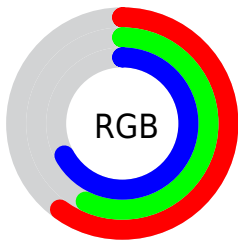
Format	Color
RYB	154, 145, 171
Decimal	10129835
CIELab	61.71, 8.50, -12.42
CIELCh	62, 15.050, 304.393
Yxy	30.0606, 0.2974, 0.2903
Android (android.graphics.Color)	4288319915 (0xFF9A91AB)
YUV	150.6550, 10.0301, 2.9336
Hunter-Lab	54.8275, 4.3360, -7.7991

Details

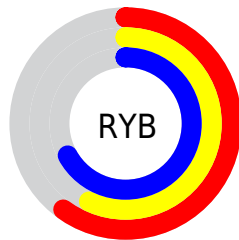
The YIQ color $150.6550, -2.9820, 9.9940$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $165.3450, 2.9820, -9.9940$, and the grayscale version is $151.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $204.7690, -3.3030, 10.3050$, and $100.1280, -2.9360, 9.1600$ is the 20% darker color. If you saturate the color by 10%, you get $137.3870, -4.8630, 16.5530$, and if you desaturate by 10%, it is $163.9230, -1.1010, 3.4350$.

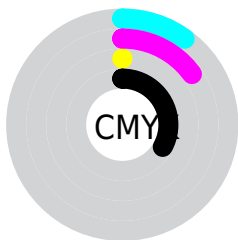
Distribution



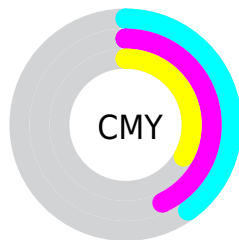
- Red (60%)
- Green (57%)
- Blue (67%)



- Red (60%)
- Yellow (57%)
- Blue (67%)



- Cyan (10%)
- Magenta (15%)
- Yellow (0%)
- Black (33%)



- Cyan (40%)
- Magenta (43%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 150.6550, -2.9820, 9.9940 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 150.6550, -2.9820, 9.9940 by changing the saturation by 10% instead.

■ 150.6550, -2.9820,
9.9940

■ 150.6550, -2.9820,
9.9940

■ 255.0000, -0.0000,
-0.0000

■ 124.5410, -2.6610,
9.6830

■ 204.7690, -3.3030,
10.3050

■ 100.1280, -2.9360,
9.1600

■ 233.1820, -3.0280,
10.8280

■ 76.0140, -2.6150,
8.8490

■ 53.4870, -2.5690,
8.0150

■ 32.0740, -2.8440,
7.4920

■ 7.8510, -0.5980,
10.8420

■ 0.0000, 0.0000,

0.0000

■ 150.6550, -2.9820,
9.9940

■ 150.6550, -2.9820,
9.9940

■ 137.3870, -4.8630,
16.5530

■ 163.9230, -1.1010,
3.4350

■ 124.1190, -6.7440,
23.1120

■ 177.1910, 0.7800,
-3.1240

■ 110.5520, -9.2210,
29.4590

■ 190.7580, 3.2570,
-9.4710

■ 97.2840, -11.1020,
36.0180

■ 204.0260, 5.1380,
-16.0300

■ 84.0160, -12.9830,
42.5770

■ 217.2940, 7.0190,
-22.5890

■ 70.1610, -14.5890,
49.6590

■ 231.1490, 8.6250,
-29.6710

■ 56.8930, -16.4700,
56.2180

■ 238.5470, 13.2560,
-31.0000

■ 43.6250, -18.3510,
62.7770

■ 241.8360, 19.8120,
-28.6680

■ 37.1350, -19.7270,
65.6890

■ 245.4240, 26.9640,
-26.1240

Harmonies

Analogous

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



148.9630, -15.7730, 5.0190



150.6550, -2.9820, 9.9940



151.3530, 9.6720, 11.9440

Triad

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



150.6550, -2.9820, 9.9940



149.6080, 21.5950, -0.3970



144.3560, -21.9140, -10.3460

Complementary

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



150.6550, -2.9820, 9.9940



165.3450, 2.9820, -9.9940

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.



145.4620, -10.5890, -11.8450



150.6550, -2.9820, 9.9940



148.7270, 13.7100, -6.1780

Square

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



150.6550, -2.9820, 9.9940



150.7810, 22.7860, 5.5540



147.0460, 2.3860, -10.2060



144.3540, -27.6000, -6.4160

Rectangle

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



150.6550, -2.9820, 9.9940



151.5340, 16.4120, 10.9400



147.0460, 2.3860, -10.2060



144.6830, -18.5210, -11.2650

Sweetspot

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



150.6550, -2.9820, 9.9940



213.4500, -1.1470, 4.2690



157.9430, -13.0210, -0.8050



106.6950, -0.4590, 2.8130



240.0000, -0.0000, -0.0000



112.0000, -0.0000, 0.0000

Same Dimension

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



150.6550, -2.9820, 9.9940



190.7460, -4.4960, 15.4080



154.5420, 4.7660, 12.7500



79.9230, -1.1010, 3.4350



32.6480, -17.1580, 57.6740



5.0140, -2.6150, 8.8490

Inverse Universe

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



154.7120, 10.0390, 10.7990



196.9240, 15.4940, 16.5660



161.4580, -4.7660, -12.7500



81.3750, 3.4380, 3.7740



56.0220, 57.9420, 62.2780



8.5870, 8.8930, 9.5410

Previews

White Background



This preview shows how the YIQ color 150.6550, -2.9820, 9.9940 looks on a white background.

Color Contrast Check

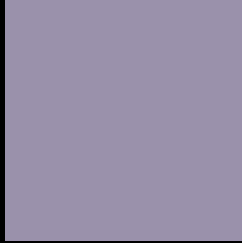
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 150.6550, -2.9820, 9.9940 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

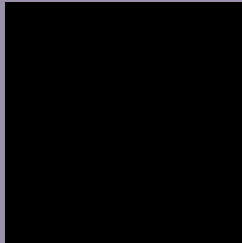
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 150.6550, -2.9820, 9.9940

Background



This preview shows how black text looks on a background with the YIQ color 150.6550, -2.9820, 9.9940.



This preview shows how white text looks on a background with the YIQ color 150.6550, -2.9820,

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

150.6550, -2.9820, 9.9940

Protanopia

149.6540, -10.4090, 6.9270

Deuteranopia

150.3560, -3.5780, 9.7820



Tritanopia

149.8630, -0.8720, 4.7920

Trichromacy



Original Color

150.6550, -2.9820, 9.9940

Protanomaly

150.1490, -7.4290, 7.9870

Deuteranomaly

150.3560, -3.5780, 9.7820

Tritanomaly

150.0310, -1.2850, 6.7710

Monochromacy



Original Color

150.6550, -2.9820, 9.9940

Achromatopsia

151.0000, -0.0000, 0.0000

Achromatomaly

150.9230, -1.1010, 3.4350

CSS Examples

Text

The CSS property to change the color of the text to YIQ 150.6550, -2.9820, 9.9940 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(154, 145, 171)` looks like.

```
.text, #text, p{  
    color:rgb(154, 145, 171)  
}
```

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(154, 145, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 145, 171) }
```

Border

The CSS property to change the border of an element to YIQ 150.6550, -2.9820, 9.9940 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(154, 145, 171) }
```


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

```
.border{ border-color:rgb(154, 145, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 145, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 145, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 145, 171);  
box-shadow:4px 4px 4px 4px rgb(154, 145,  
171) }
```

Background

The CSS property to change the background color of an element to YIQ 150.6550, -2.9820, 9.9940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 145, 171) }
```

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

```
.background{ background-color: rgb(154,  
145, 171) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor