

Converting Colors

YIQ(112.1050, -101.5540,
-9.7620)

Have a look what the booklet for
YIQ(112.1050, -101.5540, -9.7620)
contains.

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Color

**YIQ(112.1050, -101.5540,
-9.7620)**

Conversions

Conversions Part 1

Format	Color
Hex	0992D0
RGB	9, 146, 208
RGB Percent	4%, 57%, 82%
CMY	0.9648, 0.4272, 0.1848
CMYK	0.96, 0.30, 0.00, 0.18
HSL	199°, 92%, 43%
HSV	199°, 96%, 82%
XYZ	21.7705, 25.1816, 63.3134
YIQ	112.1050, -101.5540, -9.7620

Conversions

Conversions Part 2

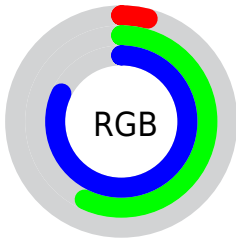
Format	Color
R _Y B	9, 90, 208
Decimal	627408
CIE Lab	57.25, -9.82, -40.64
CIE LCh	57, 41.805, 256.419
Yxy	25.1816, 0.1974, 0.2284
Android (android.graphics.Color)	4278817488 (0xFF0992D0)
YUV	112.1050, 47.2762, -90.4231
Hunter-Lab	50.1813, -10.3771, -39.6790

Details

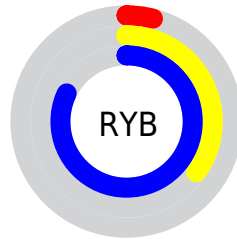
The YIQ color **112.1050, -101.5540, -9.7620** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **104.8950, 101.5540, 9.7620**, and the grayscale version is **112.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **176.9680, -76.0630, -3.6710**, and **73.7940, -75.5130, -2.6250** is the 20% darker color. If you saturate the color by 10%, you get **107.6530, -106.0930, -10.1010**, and if you desaturate by 10%, it is **122.4930, -90.9630, -8.9710**.

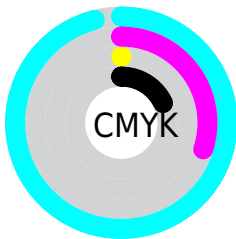
Distribution



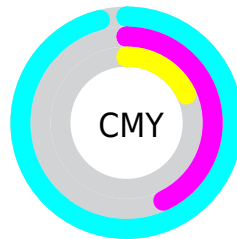
- Red (4%)
- Green (57%)
- Blue (82%)



- Red (4%)
- Yellow (35%)
- Blue (82%)



- Cyan (96%)
- Magenta (30%)
- Yellow (0%)
- Black (18%)



- Cyan (96%)
- Magenta (43%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 112.1050, -101.5540, -9.7620 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 112.1050, -101.5540, -9.7620 by changing the saturation by 10% instead.

■ 112.1050,
-101.5540, -9.7620

■ 112.1050,
-101.5540, -9.7620

■ 255.0000, -0.0000,
-0.0000

■ 90.9600, -90.7800,
-6.7800

■ 176.9680,
-76.0630, -3.6710

■ 73.7940, -75.5130,
-2.6250

■ 202.9720,
-64.6910, -11.5310

■ 56.7420, -60.5670,
1.8410

■ 228.0900,
-53.6400, -19.0800

■ 40.8640, -46.1710,
5.2610

■ 237.3590,
-35.1640, -12.5080

■ 26.3880, -32.9670,
8.2570

■ 246.3290,
-17.2840, -6.1480

■ 9.0910, -18.7090,
14.1790

■ 4.8220, -10.8220,

8.9060

■ 0.3420, -0.9630,
0.9330

■ 0.0000, 0.0000,
0.0000

■ 112.1050,
-101.5540, -9.7620

■ 112.1050,
-101.5540, -9.7620

■ 107.6530,
-106.0930, -10.1010

■ 122.4930,
-90.9630, -8.9710

■ 132.2940,
-80.0970, -7.6570

■ 141.7960,
-69.8270, -6.5550

■ 152.1840,
-59.2360, -5.7640

■ 161.9850,
-48.3700, -4.4500

■ 172.3730,
-37.7790, -3.6590

■ 181.8750,
-27.5090, -2.5570

■ 192.2630,
-16.9180, -1.7660

■ 202.0640, -6.0520,
-0.4520

Harmonies

Analogous

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



111.3570, -102.7440, -21.2400



112.1050, -101.5540, -9.7620



136.0430, -35.9490, 18.2510

Triad

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



112.1050, -101.5540, -9.7620



138.8550, 55.4730, 24.4090



127.0420, -10.1270, -31.2390

Complementary

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



112.1050, -101.5540, -9.7620



104.8950, 101.5540, 9.7620

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.



132.6240, 23.5250, -24.3710



112.1050, -101.5540, -9.7620



136.7990, 57.9060, 7.8420

Square

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



112.1050, -101.5540, -9.7620



140.6700, 37.3610, 33.2730



135.4470, 46.4930, -11.0990



115.6140, -58.7720, -36.2120

Rectangle

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



112.1050, -101.5540, -9.7620



140.8680, -7.2950, 27.5930



135.4470, 46.4930, -11.0990



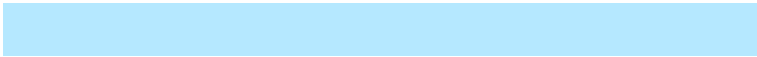
129.4410, 1.9310, -29.5010

Sweetspot

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



112.1050, -101.5540, -9.7620



219.3730, -37.7790, -3.6590



132.6530, -73.9850, -85.4170



106.3270, -22.9700, -2.2180



0.0000, 0.0000, 0.0000



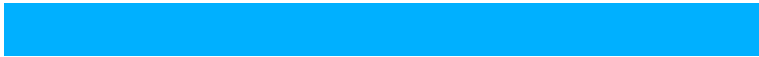
128.0000, -0.0000, -0.0000

Same Dimension

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



112.1050, -101.5540, -9.7620



132.3820, -130.2550, -12.7430



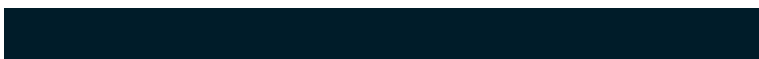
55.1660, -74.8790, 40.9690



99.3630, -5.4560, -0.2400



87.2440, -85.8280, -8.4200



21.1100, -20.8610, -1.8930

Inverse Universe

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



84.1190, 74.6270, 84.7950



96.3090, 95.4840, 108.7960



161.8340, 74.8790, -40.9690



98.0870, 4.3090, 4.5090



63.4560, 62.8920, 71.6920



15.4510, 15.4480, 17.4000

Previews

White Background



This preview shows how the YIQ color 112.1050, -101.5540, -9.7620 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 112.1050, -101.5540, -9.7620 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

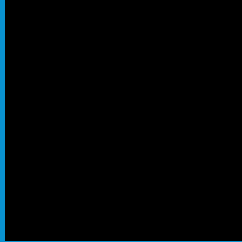
Any Text WCAG AA ✓ Pass

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 112.1050, -101.5540, -9.7620 Background



This preview shows how black text looks on a background with the YIQ color 112.1050, -101.5540, -9.7620.



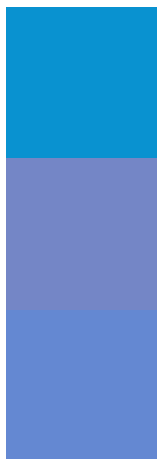
This preview shows how white text looks on a background with the YIQ color 112.1050, -101.5540, -9.7620.

-9.7620.

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

112.1050, -101.5540, -9.7620

Protanopia

135.9140, -31.2720, 16.0880

Deuteranopia

133.6720, -45.2100, 15.3820



Tritanopia

107.8060, -94.1230, -28.8030

Trichromacy



Original Color

112.1050, -101.5540, -9.7620

Protanomaly

127.0570, -56.9000, 6.9720

Deuteranomaly

126.0390, -65.6570, 5.9830

Tritanomaly

109.3530, -96.9210, -22.1450

Monochromacy



Original Color

112.1050, -101.5540, -9.7620

Achromatopsia

112.0000, -0.0000, 0.0000

Achromatomaly

111.9710, -36.5870, -3.2350

CSS Examples

Text

The CSS property to change the color of the text to YIQ 112.1050, -101.5540, -9.7620 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(9, 146, 208)` looks like.

```
.text, #text, p{  
    color:rgb(9, 146, 208)  
}
```

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(9, 146, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(9, 146, 208) }
```

Border

The CSS property to change the border of an element to YIQ 112.1050, -101.5540, -9.7620 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(9, 146, 208) }
```


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

```
.border{ border-color:rgb(9, 146, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(9, 146, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(9, 146, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(9, 146, 208);  
box-shadow:4px 4px 4px 4px rgb(9, 146,  
208) }
```

Background

The CSS property to change the background color of an element to YIQ 112.1050, -101.5540, -9.7620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(9, 146, 208) }
```

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

```
.background{ background-color: rgb(9, 146,  
208) }
```

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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