

Converting Colors

YIQ(110.0540, -96.3760, 6.5360)

Have a look what the booklet for
YIQ(110.0540, -96.3760, 6.5360)
contains.

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Color

**YIQ(110.0540, -96.3760,
6.5360)**

Conversions

Conversions Part 1

Format	Color
Hex	1684E4
RGB	22, 132, 228
RGB Percent	9%, 52%, 89%
CMY	0.9138, 0.4822, 0.1063
CMYK	0.90, 0.42, 0.00, 0.11
HSL	208°, 82%, 49%
HSV	208°, 90%, 89%
XYZ	22.5747, 22.2801, 76.4247
YIQ	110.0540, -96.3760, 6.5360

Conversions

Conversions Part 2

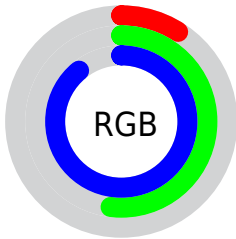
Format	Color
R _Y B	22, 94, 228
Decimal	1475812
CIE Lab	54.32, 6.53, -56.49
CIE LCh	54, 56.871, 276.593
Yxy	22.2801, 0.1861, 0.1837
Android (android.graphics.Color)	4279665892 (0xFF1684E4)
YUV	110.0540, 58.1474, -77.2234
Hunter-Lab	47.2018, 2.7663, -62.9555

Details

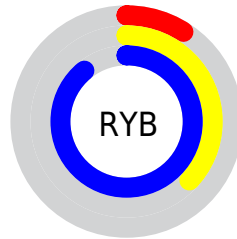
The YIQ color **110.0540, -96.3760, 6.5360** is a dark color, and the websafe version is hex **3399FF**. The color can be described as dark washed azure. A complement of this color would be **139.9460, 96.3760, -6.5360**, and the grayscale version is **110.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **170.2560, -67.7660, 5.6580**, and **68.3290, -78.0370, 10.0830** is the 20% darker color. If you saturate the color by 10%, you get **97.6060, -106.7380, 7.1020**, and if you desaturate by 10%, it is **123.3880, -85.6930, 5.6590**.

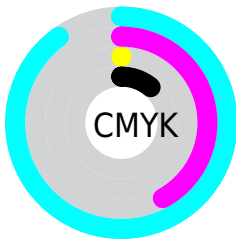
Distribution



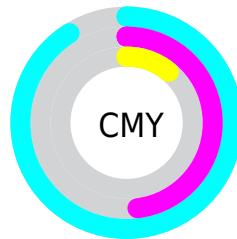
- Red (9%)
- Green (52%)
- Blue (89%)



- Red (9%)
- Yellow (37%)
- Blue (89%)



- Cyan (90%)
- Magenta (42%)
- Yellow (0%)
- Black (11%)



- Cyan (91%)
- Magenta (48%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 110.0540, -96.3760, 6.5360 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 110.0540, -96.3760, 6.5360 by changing the saturation by 10% instead.

■ 110.0540,
-96.3760, 6.5360

■ 110.0540,
-96.3760, 6.5360

■ 255.0000, -0.0000,
-0.0000

■ 85.4950, -93.3040,
5.9280

■ 170.2560,
-67.7660, 5.6580

■ 68.3290, -78.0370,
10.0830

■ 195.9720,
-55.5230, -1.4670

■ 52.3370, -63.3200,
13.1920

■ 221.6770,
-44.7470, -9.5390

■ 37.5190, -49.1530,
15.2550

■ 239.7510,
-30.3960, -10.8120

■ 22.9290, -35.6280,
17.9400

■ 249.0200,
-11.9200, -4.2400

■ 12.5620, -24.3490,
17.2750

■ 6.8910, -15.2700,

12.4260

■ 3.3230, -7.9790,
6.9410

■ 0.0000, 0.0000,
0.0000

■ 110.0540,
-96.3760, 6.5360

■ 110.0540,
-96.3760, 6.5360

■ 97.6060,
-106.7380, 7.1020

■ 123.3880,
-85.6930, 5.6590

■ 136.1350,
-74.7350, 5.3050

■ 149.1700,
-64.6480, 4.2160

■ 161.9170,
-53.6900, 3.8620

■ 175.2510,
-43.0070, 2.9850

■ 188.5850,
-32.3240, 2.1080

■ 201.3320,
-21.3660, 1.7540

■ 214.3670,
-11.2790, 0.6650

■ 227.7010, -0.5960,
-0.2120

Harmonies

Analogous

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



110.1950, -110.4950, -7.4150



110.0540, -96.3760, 6.5360



132.9250, -11.4690, 37.1630

Triad

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



110.0540, -96.3760, 6.5360



126.4150, 77.0230, 19.3190



98.1960, -69.8190, -50.7710

Complementary

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



110.0540, -96.3760, 6.5360



139.9460, 96.3760, -6.5360

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.



116.7640, 1.9790, -41.3890



110.0540, -96.3760, 6.5360



125.6360, 67.9500, -8.9940

Square

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



110.0540, -96.3760, 6.5360



127.1100, 68.5370, 40.9610



121.9620, 45.5800, -33.1080



105.7710, -87.0150, -36.4790

Rectangle

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



110.0540, -96.3760, 6.5360



133.0450, 23.6040, 45.8120



121.9620, 45.5800, -33.1080



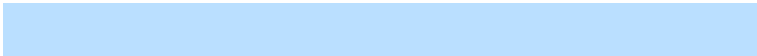
107.1470, -41.7600, -47.1680

Sweetspot

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



110.0540, -96.3760, 6.5360



215.5850, -32.3240, 2.1080



153.5240, -86.5030, -78.8150



104.5880, -19.2110, 1.2450



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.



110.0540, -96.3760, 6.5360



108.9020, -119.2550, 8.1770



51.3540, -68.8760, 58.8360



107.8900, -5.5020, 0.5940



76.1710, -83.5840, 5.9840



21.6630, -23.7960, 1.7400

Inverse Universe

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



96.1340, 87.4660, 77.8820



91.7490, 108.3240, 96.3560



198.6460, 68.8760, -58.8360



107.2720, 5.2260, 4.4100



64.3510, 76.1890, 67.4930



18.3270, 21.7290, 19.2090

Previews

White Background



This preview shows how the YIQ color 110.0540, -96.3760, 6.5360 looks on a white background.

Color Contrast Check

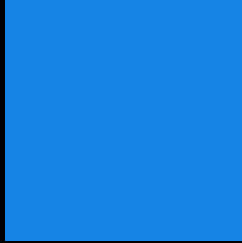
Large Text (above 18pt) WCAG AA ✓ Pass

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 110.0540, -96.3760, 6.5360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

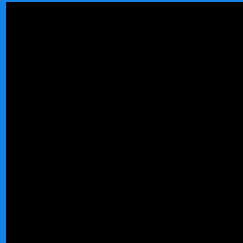
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

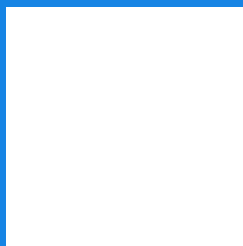
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 110.0540, -96.3760, 6.5360

Background



This preview shows how black text looks on a background with the YIQ color 110.0540, -96.3760, 6.5360.



This preview shows how white text looks on a background with the YIQ color 110.0540, -96.3760,

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

110.0540, -96.3760, 6.5360

Protanopia

125.2830, -54.0600, 21.5880

Deuteranopia

114.8490, -85.3730, 10.8750



Tritanopia

101.9700, -88.7130, -27.7290

Trichromacy



Original Color

110.0540, -96.3760, 6.5360

Protanomaly

119.5090, -69.5560, 16.0760

Deuteranomaly

112.7560, -89.5450, 9.3910

Tritanomaly

105.0920, -91.5120, -15.5440

Monochromacy



Original Color

110.0540, -96.3760, 6.5360

Achromatopsia

110.0000, 0.0000, 0.0000

Achromatomaly

110.0300, -35.0750, 2.4050

CSS Examples

Text

The CSS property to change the color of the text to YIQ 110.0540, -96.3760, 6.5360 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(22, 132, 228)` looks like.

```
.text, #text, p{  
    color:rgb(22, 132, 228)  
}
```

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(22, 132, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(22, 132, 228) }
```

Border

The CSS property to change the border of an element to YIQ 110.0540, -96.3760, 6.5360 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(22, 132, 228) }
```


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

```
.border{ border-color:rgb(22, 132, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(22, 132, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(22, 132, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(22, 132, 228);  
box-shadow:4px 4px 4px 4px rgb(22, 132,  
228) }
```

Background

The CSS property to change the background color of an element to YIQ 110.0540, -96.3760, 6.5360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(22, 132, 228) }
```

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

```
.background{ background-color: rgb(22, 132,  
228) }
```

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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