

Converting Colors

YIQ(152.4400, -55.9400,
22.6200)

Have a look what the booklet for
YIQ(152.4400, -55.9400, 22.6200)
contains.

YIQ(152.4400, -55.9400, 22.6200)	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(152.4400, -55.9400,
22.6200)**

Conversions

Conversions Part 1

Format	Color
Hex	7199FD
RGB	113, 153, 253
RGB Percent	44%, 60%, 99%
CMY	0.5569, 0.3999, 0.0081
CMYK	0.55, 0.40, 0.00, 0.01
HSL	223°, 97%, 72%
HSV	223°, 55%, 99%
XYZ	35.9205, 33.3852, 97.4155
YIQ	152.4400, -55.9400, 22.6200

Conversions

Conversions Part 2

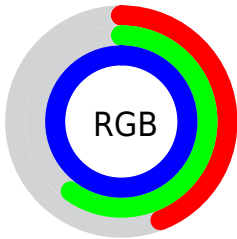
Format	Color
RYB	113, 144, 253
Decimal	7444989
CIELab	64.47, 14.64, -53.97
CIELCh	64, 55.922, 285.173
Yxy	33.3852, 0.2155, 0.2002
Android (android.graphics.Color)	4285635069 (0xFF7199FD)
YUV	152.4400, 49.5761, -34.5889
Hunter-Lab	57.7799, 9.8545, -59.5155

Details

The YIQ color $152.4400, -55.9400, 22.6200$ is a light color, and the websafe version is hex $6699FF$. A complement of this color would be $213.5600, 55.9400, -22.6200$, and the grayscale version is $152.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $202.3060, -35.6720, 7.7200$, and $96.5590, -63.8250, 16.8390$ is the 20% darker color. If you saturate the color by 10%, you get $134.3990, -65.8900, 26.7340$, and if you desaturate by 10%, it is $170.4810, -45.9900, 18.5060$.

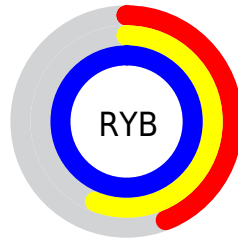
Distribution



Red (44%)

Green (60%)

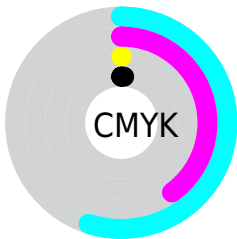
Blue (99%)



Red (44%)

Yellow (56%)

Blue (99%)

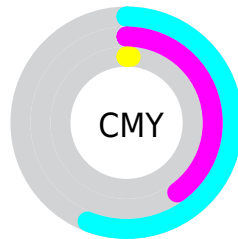


Cyan (55%)

Magenta (40%)

Yellow (0%)

Black (1%)



Cyan (56%)

Magenta (40%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 152.4400, -55.9400, 22.6200 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 152.4400, -55.9400, 22.6200 by changing the saturation by 10% instead.

■ 152.4400,
-55.9400, 22.6200

■ 152.4400,
-55.9400, 22.6200

■ 255.0000, -0.0000,
-0.0000

■ 124.6030,
-57.9570, 20.6270

■ 202.3060,
-35.6720, 7.7200

■ 96.5590, -63.8250,
16.8390

■ 227.7120,
-25.4920, -0.5640

■ 65.5250, -75.6530,
10.9310

■ 248.4220,
-13.1120, -4.6640

■ 49.5330, -60.9360,
14.0400

■ 34.2420, -46.8150,
16.9370

■ 19.6520, -33.2900,
19.6220

■ 11.6330, -23.1110,

16.8650

■ 6.6630, -14.6280,
11.8040

■ 2.9810, -7.0160,
6.0080

■ 152.4400,
-55.9400, 22.6200

■ 152.4400,
-55.9400, 22.6200

■ 134.3990,
-65.8900, 26.7340

■ 170.4810,
-45.9900, 18.5060

■ 116.0590,
-76.4360, 30.6360

■ 188.8210,
-35.4440, 14.6040

■ 98.0180, -86.3860,
34.7500

■ 206.8620,
-25.4940, 10.4900

■ 79.9770, -96.3360,
38.8640

■ 224.9030,
-15.5440, 6.3760

■ 71.1060,
-101.0130, 41.0270

■ 242.9440, -5.5940,
2.2620

254.7720, 0.6420,
-0.6220

Harmonies

Analogous

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



128.0450, -127.6880, -9.7040



152.4400, -55.9400, 22.6200



161.3570, 4.9900, 41.7420

Triad

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



152.4400, -55.9400, 22.6200



154.4440, 78.0790, 11.1910



119.7790, -90.6340, -53.4980

Complementary

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



152.4400, -55.9400, 22.6200



213.5600, 55.9400, -22.6200

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.



141.6960, -12.5090, -43.1410



152.4400, -55.9400, 22.6200



152.4950, 63.7330, -15.1710

Square

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



152.4400, -55.9400, 22.6200



155.3570, 74.9110, 35.5750



148.6770, 33.2010, -34.5350



126.8810, -107.8760, -38.3720

Rectangle

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



152.4400, -55.9400, 22.6200



160.1020, 36.6250, 46.6170



148.6770, 33.2010, -34.5350



129.5130, -60.4660, -49.5700

Sweetspot

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



152.4400, -55.9400, 22.6200



223.9460, -17.1030, 7.0970



206.3520, -69.9580, -42.7420



109.0730, -10.2710, 4.4250



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.



152.4400, -55.9400, 22.6200



134.3280, -67.1280, 27.1440



137.3320, -28.2520, 49.4760



118.2430, -4.9980, 2.4740



54.0590, -76.4360, 30.6360



17.8620, -25.4940, 10.4900

Inverse Universe

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



159.4200, 70.6000, 42.1200



142.7040, 84.7200, 50.5440



228.6680, 28.2520, -49.4760



119.2290, 6.7850, 3.6890



63.3790, 96.1810, 57.5970



21.1880, 32.3660, 19.1660

Previews

White Background



This preview shows how the YIQ color 152.4400, -55.9400, 22.6200 looks on a white background.

Color Contrast Check

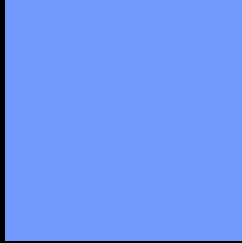
Large Text (above 18pt) WCAG AA × Fail

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 152.4400, -55.9400, 22.6200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

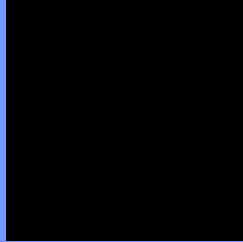
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 152.4400, -55.9400, 22.6200

Background



This preview shows how black text looks on a background with the YIQ color 152.4400, -55.9400, 22.6200.



This preview shows how white text looks on a background with the YIQ color 152.4400, -55.9400,

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

152.4400, -55.9400, 22.6200

Protanopia

152.6360, -53.5560, 23.4680

Deuteranopia

149.6020, -65.3840, 17.5600



Tritanopia

145.0780, -53.3660, -13.0300

Trichromacy



Original Color

152.4400, -55.9400, 22.6200

Protanomaly

152.3370, -54.1520, 23.2560

Deuteranomaly

150.5100, -62.1290, 19.1430

Tritanomaly

148.0970, -54.3770, -0.2090

Monochromacy



Original Color

152.4400, -55.9400, 22.6200

Achromatopsia

152.0000, -0.0000, -0.0000

Achromatomaly

152.0320, -20.2210, 8.5390

CSS Examples

Text

The CSS property to change the color of the text to YIQ 152.4400, -55.9400, 22.6200 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, 153, 253)` looks like.

```
.text, #text, p{  
    color:rgb(113, 153, 253)  
}
```

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, 153, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 153, 253) }
```

Border

The CSS property to change the border of an element to YIQ 152.4400, -55.9400, 22.6200 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, 153, 253) }
```


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

```
.border{ border-color:rgb(113, 153, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 153, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 153, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 153, 253);  
box-shadow:4px 4px 4px 4px rgb(113, 153,  
253) }
```

Background

The CSS property to change the background color of an element to YIQ 152.4400, -55.9400, 22.6200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 153, 253) }
```

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

```
.background{ background-color: rgb(113,  
153, 253) }
```

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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