

Converting Colors

YIQ(150.3420, -52.5480,
27.2280)

Have a look what the booklet for
YIQ(150.3420, -52.5480, 27.2280)
contains.

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Color

**YIQ(150.3420, -52.5480,
27.2280)**

Conversions

Conversions Part 1

Format	Color
Hex	7593FF
RGB	117, 147, 255
RGB Percent	46%, 58%, 100%
CMY	0.5412, 0.4235, 0.0003
CMYK	0.54, 0.42, 0.00, 0.00
HSL	227°, 100%, 73%
HSV	227°, 54%, 100%
XYZ	35.8097, 31.8685, 98.8087
YIQ	150.3420, -52.5480, 27.2280

Conversions

Conversions Part 2

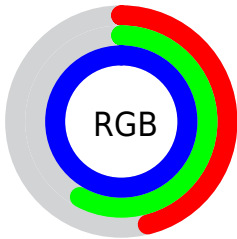
Format	Color
RYB	117, 142, 255
Decimal	7705599
CIELab	63.23, 19.60, -57.02
CIElCh	63, 60.295, 288.969
Yxy	31.8685, 0.2151, 0.1914
Android (android.graphics.Color)	4285895679 (0xFF7593FF)
YUV	150.3420, 51.5964, -29.2409
Hunter-Lab	56.4522, 14.4378, -64.2593

Details

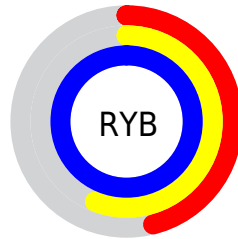
The YIQ color **150.3420, -52.5480, 27.2280** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **221.6580, 52.5480, -27.2280**, and the grayscale version is **150.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **199.9800, -31.6380, 11.7060**, and **95.0590, -59.2410, 21.8710** is the 20% darker color. If you saturate the color by 10%, you get **131.1270, -61.9480, 32.3880**, and if you desaturate by 10%, it is **169.5570, -43.1480, 22.0680**.

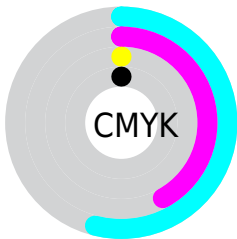
Distribution



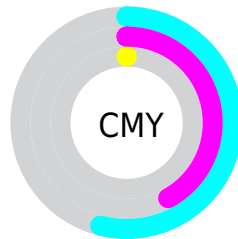
- Red (46%)
- Green (58%)
- Blue (100%)



- Red (46%)
- Yellow (56%)
- Blue (100%)



- Cyan (54%)
- Magenta (42%)
- Yellow (0%)
- Black (0%)



- Cyan (54%)
- Magenta (42%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 150.3420, -52.5480, 27.2280 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 150.3420, -52.5480, 27.2280 by changing the saturation by 10% instead.

■ 150.3420,
-52.5480, 27.2280

■ 150.3420,
-52.5480, 27.2280

■ 255.0000, -0.0000,
-0.0000

■ 122.5050,
-54.5650, 25.2350

■ 199.9800,
-31.6380, 11.7060

■ 95.0590, -59.2410,
21.8710

■ 225.3860,
-21.4580, 3.4220

■ 62.8180, -74.9200,
14.1680

■ 249.6180,
-10.7280, -3.8160

■ 46.8260, -60.2030,
17.2770

■ 32.1220, -46.3570,
19.6510

■ 16.2440, -31.9610,
23.0710

■ 11.7470, -23.4320,

17.1760

■ 6.7770, -14.9490,
12.1150

■ 3.0950, -7.3370,
6.3190

■ 150.3420,
-52.5480, 27.2280

■ 150.3420,
-52.5480, 27.2280

■ 131.1270,
-61.9480, 32.3880

■ 169.5570,
-43.1480, 22.0680

■ 111.6130,
-71.9440, 37.3360

■ 189.0710,
-33.1520, 17.1200

■ 92.3980, -81.3440,
42.4960

■ 208.2860,
-23.7520, 11.9600

■ 72.8840, -91.3400,
47.4440

■ 227.8000,
-13.7560, 7.0120

■ 61.3550, -96.9800,
50.5400

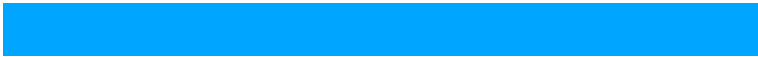
■ 247.0150, -4.3560,
1.8520

255.0000, -0.0000,
-0.0000

Harmonies

Analogous

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



125.9250, -127.2300, -6.9900



150.3420, -52.5480, 27.2280



157.5260, 12.0040, 46.7880

Triad

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



150.3420, -52.5480, 27.2280



149.9020, 82.4810, 8.5050



119.4200, -91.0010, -52.3530

Complementary

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



150.3420, -52.5480, 27.2280



221.6580, 52.5480, -27.2280

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.



134.7870, -23.1910, -47.7910



150.3420, -52.5480, 27.2280



147.5890, 66.1640, -20.6840

Square

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



150.3420, -52.5480, 27.2280



150.4780, 81.8800, 35.9280



143.3190, 31.0930, -40.3870



126.2770, -108.9310, -35.7710

Rectangle

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



150.3420, -52.5480, 27.2280



155.3420, 44.8770, 51.2530



143.3190, 31.0930, -40.3870



116.0800, -84.3520, -57.2160

Sweetspot

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



150.3420, -52.5480, 27.2280



223.9570, -15.6360, 8.0440



210.0900, -71.9760, -39.2080



109.3720, -9.6750, 4.6370



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.



150.3420, -52.5480, 27.2280



129.0560, -63.1860, 32.7980



143.7950, -22.2460, 50.7620



118.2430, -4.9980, 2.4740



46.4280, -72.8610, 37.4350



15.5140, -24.3940, 12.5820

Inverse Universe

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



161.6820, 72.6180, 38.5860



142.7380, 87.3800, 46.3880



228.2050, 22.2460, -50.7620



119.2290, 6.7850, 3.6890



61.8970, 100.3540, 53.5540



20.7320, 33.6500, 17.9220

Previews

White Background



This preview shows how the YIQ color 150.3420, -52.5480, 27.2280 looks on a white background.

Color Contrast Check

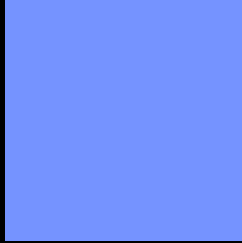
Large Text (above 18pt) WCAG AA × Fail

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 150.3420, -52.5480, 27.2280 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 150.3420, -52.5480, 27.2280

Background



This preview shows how black text looks on a background with the YIQ color 150.3420, -52.5480, 27.2280.



This preview shows how white text looks on a background with the YIQ color 150.3420, -52.5480,

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

150.3420, -52.5480, 27.2280

Protanopia

148.8250, -58.4620, 24.2740

Deuteranopia

144.3670, -72.0320, 16.8960



Tritanopia

143.0570, -48.8730, -11.8570

Trichromacy



Original Color

150.3420, -52.5480, 27.2280

Protanomaly

149.1350, -56.3990, 25.4330

Deuteranomaly

146.5960, -65.2470, 20.5850

Tritanomaly

145.7170, -50.2510, 2.1090

Monochromacy



Original Color

150.3420, -52.5480, 27.2280

Achromatopsia

150.0000, -0.0000, -0.0000

Achromatomaly

150.1570, -19.0750, 9.7970

CSS Examples

Text

The CSS property to change the color of the text to YIQ 150.3420, -52.5480, 27.2280 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(117, 147, 255)` looks like.

```
.text, #text, p{  
    color:rgb(117, 147, 255)  
}
```

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(117, 147, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 147, 255) }
```

Border

The CSS property to change the border of an element to YIQ 150.3420, -52.5480, 27.2280 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(117, 147, 255) }
```


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

```
.border{ border-color:rgb(117, 147, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 147, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 147, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 147, 255);  
box-shadow:4px 4px 4px 4px rgb(117, 147,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 150.3420, -52.5480, 27.2280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 147, 255) }
```

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

```
.background{ background-color: rgb(117,  
147, 255) }
```

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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