

Converting Colors

YIQ(139.7780, -41.9120,
32.7120)

Have a look what the booklet for
YIQ(139.7780, -41.9120, 32.7120)
contains.

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Color

**YIQ(139.7780, -41.9120,
32.7120)**

Conversions

Conversions Part 1

Format	Color
Hex	7882F2
RGB	120, 130, 242
RGB Percent	47%, 51%, 95%
CMY	0.5293, 0.4902, 0.0512
CMYK	0.50, 0.46, 0.00, 0.05
HSL	235°, 82%, 71%
HSV	235°, 50%, 95%
XYZ	31.7479, 26.3673, 87.3697
YIQ	139.7780, -41.9120, 32.7120

Conversions

Conversions Part 2

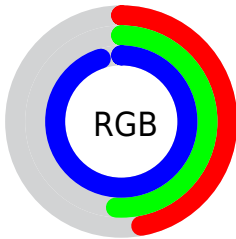
Format	Color
R _Y B	120, 129, 242
Decimal	7897842
CIE Lab	58.38, 26.30, -57.60
CIE LCh	58, 63.322, 294.539
Yxy	26.3673, 0.2182, 0.1812
Android (android.graphics.Color)	4286087922 (0xFF7882F2)
YUV	139.7780, 50.3954, -17.3453
Hunter-Lab	51.3491, 20.5013, -64.9366

Details

The YIQ color $139.7780, -41.9120, 32.7120$ is a light color, and the websafe version is hex $9999FF$. A complement of this color would be $222.2220, 41.9120, -32.7120$, and the grayscale version is $139.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $190.0120, -25.4960, 21.5440$, and $85.9790, -47.0920, 27.4680$ is the 20% darker color. If you saturate the color by 10%, you get $119.6880, -50.1660, 39.1300$, and if you desaturate by 10%, it is $159.8680, -33.6580, 26.2940$.

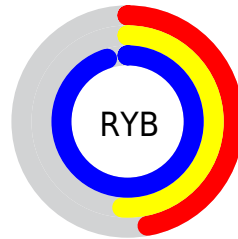
Distribution



Red (47%)

Green (51%)

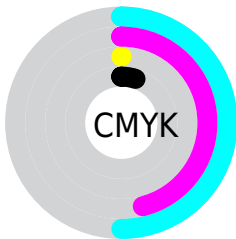
Blue (95%)



Red (47%)

Yellow (51%)

Blue (95%)

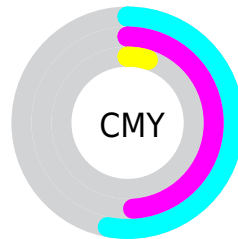


Cyan (50%)

Magenta (46%)

Yellow (0%)

Black (5%)



Cyan (53%)

Magenta (49%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 139.7780, -41.9120, 32.7120 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 139.7780, -41.9120, 32.7120 by changing the saturation by 10% instead.

■ 139.7780,
-41.9120, 32.7120

■ 139.7780,
-41.9120, 32.7120

■ 255.0000, -0.0000,
-0.0000

■ 112.8270,
-43.6080, 30.4080

■ 190.0120,
-25.4960, 21.5440

■ 85.9790, -47.0920,
27.4680

■ 214.5320,
-15.6370, 13.5710

■ 55.9450, -58.9200,
21.5600

■ 240.5250, -5.7320,
4.7640

■ 36.6530, -52.2260,
21.3900

■ 23.1230, -38.9300,
22.7180

■ 9.1200, -25.6800,
24.8800

■ 9.3190, -19.3510,

14.8010

■ 5.0500, -11.4640,
9.5280

■ 0.9120, -2.5680,
2.4880

■ 139.7780,
-41.9120, 32.7120

■ 139.7780,
-41.9120, 32.7120

■ 119.6880,
-50.1660, 39.1300

■ 159.8680,
-33.6580, 26.2940

■ 99.5980, -58.4200,
45.5480

■ 179.9580,
-25.4040, 19.8760

■ 78.6220, -66.9950,
52.2770

■ 200.9340,
-16.8290, 13.1470

■ 58.5320, -75.2490,
58.6950

■ 221.0240, -8.5750,
6.7290

■ 39.3280, -83.1820,
64.8020

■ 241.1140, -0.3210,
0.3110

■ 253.5180, 4.1730,
-4.0430

Harmonies

Analogous

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



116.6640, -121.8210, -0.3890



139.7780, -41.9120, 32.7120



144.0220, 22.4110, 50.9150

Triad

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



139.7780, -41.9120, 32.7120



135.9140, 82.2070, 2.4550



112.0340, -86.7380, -47.0100

Complementary

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



139.7780, -41.9120, 32.7120



222.2220, 41.9120, -32.7120

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.



114.9740, -42.9510, -53.1190



139.7780, -41.9120, 32.7120



131.6240, 67.0830, -31.8370

Square

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



139.7780, -41.9120, 32.7120



135.1640, 85.6400, 33.8640



127.8080, 25.0420, -46.3660



118.5320, -105.0350, -29.2830

Rectangle

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



139.7780, -41.9120, 32.7120



139.8980, 55.0550, 54.0230



127.8080, 25.0420, -46.3660



108.6940, -80.0890, -51.8730

Sweetspot

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



139.7780, -41.9120, 32.7120



223.0930, -13.0230, 10.2490



204.3820, -69.5020, -28.9740



108.2090, -7.6580, 6.6300



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.



139.7780, -41.9120, 32.7120



127.0730, -52.6880, 40.7840



149.1570, -8.7660, 48.7540



109.9550, -4.1270, 3.2090



29.7810, -63.1890, 49.3790



9.3190, -19.3510, 14.8010

Inverse Universe

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



157.6180, 69.5020, 28.9740



149.2290, 87.0150, 36.4790



212.8430, 8.7660, -48.7540



111.7020, 6.8310, 2.8550



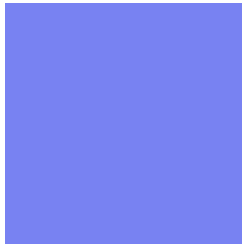
56.7260, 104.8490, 43.6730



17.3140, 31.7710, 13.4270

Previews

White Background



This preview shows how the YIQ color 139.7780, -41.9120, 32.7120 looks on a white background.

Color Contrast Check

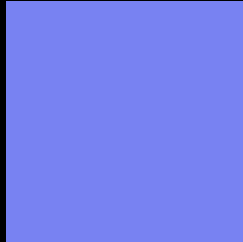
Large Text (above 18pt) WCAG AA ✓ Pass

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 139.7780, -41.9120, 32.7120 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 139.7780, -41.9120, 32.7120

Background



This preview shows how black text looks on a background with the YIQ color 139.7780, -41.9120, 32.7120.



This preview shows how white text looks on a background with the YIQ color 139.7780, -41.9120, 32.7120.

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

139.7780, -41.9120, 32.7120

Protanopia

134.4160, -64.5600, 24.6560

Deuteranopia

129.7470, -76.1580, 14.5780



Tritanopia

134.2220, -36.0360, -7.7160

Trichromacy



Original Color

139.7780, -41.9120, 32.7120

Protanomaly

136.6020, -56.2160, 27.6240

Deuteranomaly

133.4930, -63.4590, 21.2210

Tritanomaly

136.1100, -38.0560, 6.8720

Monochromacy



Original Color

139.7780, -41.9120, 32.7120

Achromatopsia

140.0000, 0.0000, 0.0000

Achromatomaly

139.7770, -14.9490, 12.1150

CSS Examples

Text

The CSS property to change the color of the text to YIQ 139.7780, -41.9120, 32.7120 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(120, 130, 242)` looks like.

```
.text, #text, p{  
    color:rgb(120, 130, 242)  
}
```

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(120, 130, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 130, 242) }
```

Border

The CSS property to change the border of an element to YIQ 139.7780, -41.9120, 32.7120 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(120, 130, 242) }
```


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

```
.border{ border-color:rgb(120, 130, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 130, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 130, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 130, 242);  
box-shadow:4px 4px 4px 4px rgb(120, 130,  
242) }
```

Background

The CSS property to change the background color of an element to YIQ 139.7780, -41.9120, 32.7120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 130, 242) }
```

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

```
.background{ background-color: rgb(120,  
130, 242) }
```

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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