

Converting Colors

YIQ(113.5190, -92.7110,
22.7210)

Have a look what the booklet for
YIQ(113.5190, -92.7110, 22.7210)
contains.

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Color

**YIQ(113.5190, -92.7110,
22.7210)**

Conversions

Conversions Part 1

Format	Color
Hex	277CFF
RGB	39, 124, 255
RGB Percent	15%, 49%, 100%
CMY	0.8471, 0.5136, 0.0005
CMYK	0.85, 0.51, 0.00, 0.00
HSL	216°, 100%, 58%
HSV	216°, 85%, 100%
XYZ	26.0784, 22.0674, 97.3917
YIQ	113.5190, -92.7110, 22.7210

Conversions

Conversions Part 2

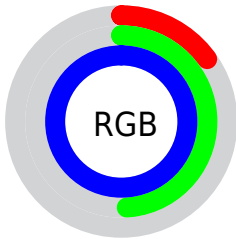
Format	Color
R _{YB}	39, 100, 255
Decimal	2587903
CIE _{Lab}	54.10, 22.75, -71.84
CIE _{LCh}	54, 75.359, 287.573
Yxy	22.0674, 0.1792, 0.1516
Android (android.graphics.Color)	4280777983 (0xFF277CFF)
YUV	113.5190, 69.7501, -65.3532
Hunter-Lab	46.9759, 16.8855, -90.0384

Details

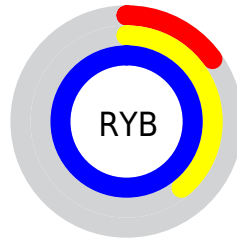
The YIQ color **113.5190, -92.7110, 22.7210** is a dark color, and the websafe version is hex **0066FF**. The color can be described as middle washed azure. A complement of this color would be **180.4810, 92.7110, -22.7210**, and the grayscale version is **113.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **168.8600, -57.5430, 13.1210**, and **67.0700, -84.1370, 21.5190** is the 20% darker color. If you saturate the color by 10%, you get **97.2390, -103.4860, 25.2660**, and if you desaturate by 10%, it is **129.7990, -81.9360, 20.1760**.

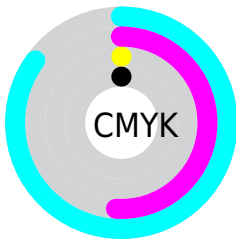
Distribution



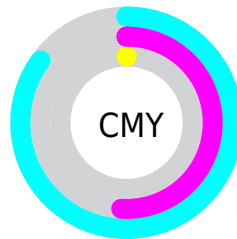
- Red (15%)
- Green (49%)
- Blue (100%)



- Red (15%)
- Yellow (39%)
- Blue (100%)



- Cyan (85%)
- Magenta (51%)
- Yellow (0%)
- Black (0%)



- Cyan (85%)
- Magenta (51%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 113.5190, -92.7110, 22.7210 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 113.5190, -92.7110, 22.7210 by changing the saturation by 10% instead.

■ 113.5190,
-92.7110, 22.7210

■ 113.5190,
-92.7110, 22.7210

■ 255.0000, -0.0000,
-0.0000

■ 84.4640,
-100.0460, 17.9860

■ 168.8600,
-57.5430, 13.1210

■ 67.6570, -84.4120,
20.9960

■ 194.8750,
-44.7040, 6.2080

■ 51.5510, -69.3740,
23.7940

■ 220.8790,
-33.3320, -1.6520

■ 37.3200, -55.4820,
25.3340

■ 244.2360,
-21.4560, -7.6320

■ 23.2030, -41.9110,
27.1850

■ 253.8040, -2.3840,
-0.8480

■ 17.8910, -32.4650,
21.1910

■ 11.6330, -23.1110,

16.8650

■ 6.5490, -14.3070,
11.4930

■ 2.9810, -7.0160,
6.0080

■ 113.5190,
-92.7110, 22.7210

■ 113.5190,
-92.7110, 22.7210

■ 97.2390,
-103.4860, 25.2660

■ 129.7990,
-81.9360, 20.1760

■ 87.7700,
-109.3550, 27.0050

■ 146.9650,
-70.8400, 17.3200

■ 163.2450,
-60.0650, 14.7750

■ 180.4110,
-48.9690, 11.9190

■ 196.6910,
-38.1940, 9.3740

■ 213.8570,
-27.0980, 6.5180

■ 230.1370,
-16.3230, 3.9730

■ 247.3030, -5.2270,
1.1170

■ 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.



114.1850, -121.7300, 3.4700



113.5190, -92.7110, 22.7210



131.4910, 11.0850, 57.9410

Triad

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



113.5190, -92.7110, 22.7210



119.5080, 98.3900, 12.0380



102.8580, -74.6790, -50.7990

Complementary

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



113.5190, -92.7110, 22.7210



180.4810, 92.7110, -22.7210

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.



96.8090, -38.5930, -66.0250



113.5190, -92.7110, 22.7210



122.2000, 74.5090, -23.2430

Square

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



113.5190, -92.7110, 22.7210



113.5980, 99.7580, 53.3420



117.1850, 34.1660, -46.5220



111.7840, -97.0570, -30.6970

Rectangle

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



113.5190, -92.7110, 22.7210



124.4440, 53.9980, 67.6780



117.1850, 34.1660, -46.5220



99.6490, -67.0210, -57.4290

Sweetspot

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



113.5190, -92.7110, 22.7210



212.9710, -27.4190, 6.8290



180.6120, -101.1300, -72.5380



102.2510, -16.6440, 4.2840



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.



113.5190, -92.7110, 22.7210



87.7700, -109.3550, 27.0050



70.2020, -56.2240, 71.8400



119.4170, -5.5480, 1.4280



65.7990, -81.9360, 20.1760



21.9710, -27.4190, 6.8290

Inverse Universe

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



113.2740, 101.4510, 72.2270



87.6450, 119.8800, 85.1600



223.7980, 56.2240, -71.8400



119.4570, 6.1430, 4.3110



65.6590, 89.7610, 63.8170



21.9860, 30.1190, 21.3430

Previews

White Background



This preview shows how the YIQ color 113.5190, -92.7110, 22.7210 looks on a white background.

Color Contrast Check

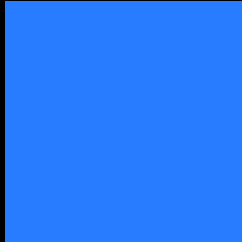
Large Text (above 18pt) WCAG AA ✓ Pass

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 113.5190, -92.7110, 22.7210 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

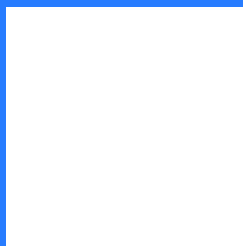
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 113.5190, -92.7110, 22.7210

Background



This preview shows how black text looks on a background with the YIQ color 113.5190, -92.7110, 22.7210.



This preview shows how white text looks on a background with the YIQ color 113.5190, -92.7110,

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

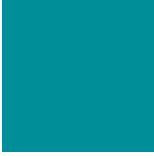
113.5190, -92.7110, 22.7210

Protanopia

114.7150, -90.3270, 23.5690

Deuteranopia

102.8890, -109.2130, 2.3950



Tritanopia

101.2690, -88.1170, -27.5170

Trichromacy



Original Color

113.5190, -92.7110, 22.7210

Protanomaly

114.4160, -90.9230, 23.3570

Deuteranomaly

106.4540, -103.2540, 10.0420

Tritanomaly

105.5640, -89.7250, -9.3810

Monochromacy



Original Color

113.5190, -92.7110, 22.7210

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

114.0890, -33.5630, 8.0450

CSS Examples

Text

The CSS property to change the color of the text to YIQ 113.5190, -92.7110, 22.7210 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(39, 124, 255)` looks like.

```
.text, #text, p{  
    color:rgb(39, 124, 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(39, 124, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 124, 255) }
```

Border

The CSS property to change the border of an element to YIQ 113.5190, -92.7110, 22.7210 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(39, 124, 255) }
```


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

```
.border{ border-color:rgb(39, 124, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(39, 124, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 124, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 124, 255);  
box-shadow:4px 4px 4px 4px rgb(39, 124,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 113.5190, -92.7110, 22.7210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 124, 255) }
```

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

```
.background{ background-color: rgb(39, 124,  
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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