

Converting Colors

YIQ(123.2760, -87.7130,
20.2470)

Have a look what the booklet for
YIQ(123.2760, -87.7130, 20.2470)
contains.

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Color

**YIQ(123.2760, -87.7130,
20.2470)**

Conversions

Conversions Part 1

Format	Color
Hex	3486FF
RGB	52, 134, 255
RGB Percent	20%, 53%, 100%
CMY	0.7961, 0.4744, 0.0004
CMYK	0.80, 0.47, 0.00, 0.00
HSL	216°, 100%, 60%
HSV	216°, 80%, 100%
XYZ	27.9764, 25.0018, 97.8640
YIQ	123.2760, -87.7130, 20.2470

Conversions

Conversions Part 2

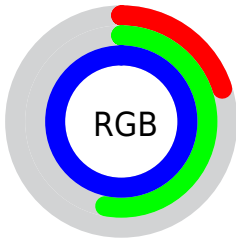
Format	Color
R_{YB}	52, 110, 255
Decimal	3442431
CIE _{Lab}	57.08, 17.61, -67.02
CIE _{LCh}	57, 69.292, 284.724
Yxy	25.0018, 0.1855, 0.1657
Android (android.graphics.Color)	4281632511 (0xFF3486FF)
YUV	123.2760, 64.9399, -62.5091
Hunter-Lab	50.0018, 12.3688, -81.0416

Details

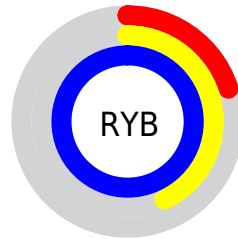
The YIQ color **123.2760, -87.7130, 20.2470** is a dark color, and the websafe version is hex **6699FF**. The color can be described as middle washed azure. A complement of this color would be **183.7240, 87.7130, -20.2470**, and the grayscale version is **123.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **177.1110, -56.9920, 8.6400**, and **72.3530, -86.6120, 16.8120** is the 20% darker color. If you saturate the color by 10%, you get **106.6970, -99.0840, 22.5800**, and if you desaturate by 10%, it is **139.5560, -76.9380, 17.7020**.

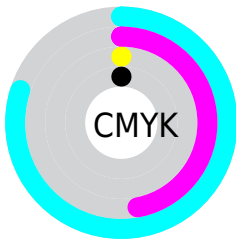
Distribution



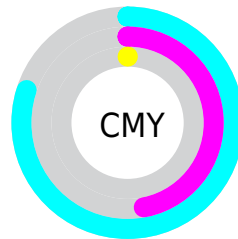
- Red (20%)
- Green (53%)
- Blue (100%)



- Red (20%)
- Yellow (43%)
- Blue (100%)



- Cyan (80%)
- Magenta (47%)
- Yellow (0%)
- Black (0%)



- Cyan (80%)
- Magenta (47%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 123.2760, -87.7130, 20.2470 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 123.2760, -87.7130, 20.2470 by changing the saturation by 10% instead.

■ 123.2760,
-87.7130, 20.2470

■ 123.2760,
-87.7130, 20.2470

■ 255.0000, -0.0000,
-0.0000

■ 89.7470,
-102.5210, 13.2790

■ 177.1110,
-56.9920, 8.6400

■ 72.9400, -86.8870,
16.2890

■ 202.8270,
-44.7490, 1.5150

■ 56.2470, -71.5740,
19.6100

■ 228.5320,
-33.9730, -6.5570

■ 41.4290, -57.4070,
21.6730

■ 245.7310,
-18.4760, -6.5720

■ 27.8990, -44.1110,
23.0010

■ 15.6570, -31.6860,
23.5940

■ 11.6330, -23.1110,

16.8650

■ 6.6630, -14.6280,
11.8040

■ 2.9810, -7.0160,
6.0080

■ 123.2760,
-87.7130, 20.2470

■ 123.2760,
-87.7130, 20.2470

■ 106.6970,
-99.0840, 22.5800

■ 139.5560,
-76.9380, 17.7020

■ 90.4170,
-109.8590, 25.1250

■ 156.1350,
-65.5670, 15.3690

■ 89.5310,
-110.1800, 25.4360

■ 173.0020,
-55.0670, 12.3010

■ 189.5810,
-43.6960, 9.9680

■ 205.8610,
-32.9210, 7.4230

■ 222.4400,
-21.5500, 5.0900

■ 238.7200,
-10.7750, 2.5450

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.



118.7670, -123.6090, -1.0250



123.2760, -87.7130, 20.2470



140.3820, 3.8420, 51.5380

Triad

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



123.2760, -87.7130, 20.2470



129.9790, 92.7500, 15.1340



106.8360, -77.6130, -52.6930

Complementary

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



123.2760, -87.7130, 20.2470



183.7240, 87.7130, -20.2470

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.



115.0830, -18.5130, -55.4810



123.2760, -87.7130, 20.2470



129.0110, 79.4150, -24.0490

Square

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



123.2760, -87.7130, 20.2470



127.7600, 90.3140, 48.2820



124.9040, 42.3270, -45.7450



115.1920, -98.3860, -34.1460

Rectangle

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



123.2760, -87.7130, 20.2470



136.7260, 44.0960, 59.9040



124.9040, 42.3270, -45.7450



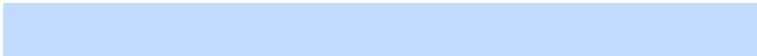
103.8550, -70.5970, -58.7010

Sweetspot

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



123.2760, -87.7130, 20.2470



215.6290, -26.4560, 5.8960



184.6130, -93.7030, -69.4710



103.4360, -15.7270, 4.1850



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.



123.2760, -87.7130, 20.2470



96.0430, -105.8700, 24.4180



80.2250, -55.0310, 66.7370



119.4170, -5.5480, 1.4280



66.9730, -82.4860, 19.1300



22.5580, -27.6940, 6.3060

Inverse Universe

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



122.0450, 94.6660, 68.5380



94.5410, 114.2410, 82.7290



226.7750, 55.0310, -66.7370



119.4570, 6.1430, 4.3110



65.8870, 89.1190, 64.4390



22.1000, 29.7980, 21.6540

Previews

White Background



This preview shows how the YIQ color 123.2760, -87.7130, 20.2470 looks on a white background.

Color Contrast Check

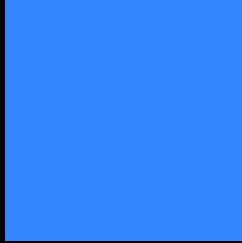
Large Text (above 18pt) WCAG AA ✓ Pass

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 123.2760, -87.7130, 20.2470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

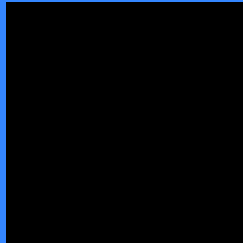
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

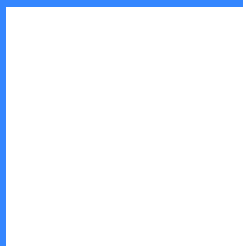
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 123.2760, -87.7130, 20.2470

Background



This preview shows how black text looks on a background with the YIQ color 123.2760, -87.7130, 20.2470.



This preview shows how white text looks on a background with the YIQ color 123.2760, -87.7130,

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

123.2760, -87.7130, 20.2470

Protanopia

128.1530, -74.0050, 25.1230

Deuteranopia

109.4090, -116.5490, 3.1870



Tritanopia

107.1050, -93.5270, -28.5910

Trichromacy



Original Color

123.2760, -87.7130, 20.2470

Protanomaly

126.4620, -79.3690, 23.2150

Deuteranomaly

114.3720, -105.9590, 9.5050

Tritanomaly

113.1400, -91.4670, -10.8510

Monochromacy



Original Color

123.2760, -87.7130, 20.2470

Achromatopsia

123.0000, -0.0000, -0.0000

Achromatomaly

123.0460, -32.0040, 7.3240

CSS Examples

Text

The CSS property to change the color of the text to YIQ 123.2760, -87.7130, 20.2470 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(52, 134, 255)` looks like.

```
.text, #text, p{  
    color:rgb(52, 134, 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(52, 134, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 134, 255) }
```

Border

The CSS property to change the border of an element to YIQ 123.2760, -87.7130, 20.2470 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(52, 134, 255) }
```


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

```
.border{ border-color:rgb(52, 134, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 134, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 134, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 134, 255);  
box-shadow:4px 4px 4px 4px rgb(52, 134,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 123.2760, -87.7130, 20.2470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 134, 255) }
```

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

```
.background{ background-color: rgb(52, 134,  
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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