

Converting Colors

YIQ(122.9280, -87.7540,
-6.5540)

Have a look what the booklet for
YIQ(122.9280, -87.7540, -6.5540)
contains.

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Color

**YIQ(122.9280, -87.7540,
-6.5540)**

Conversions

Conversions Part 1

Format	Color
Hex	2397D1
RGB	35, 151, 209
RGB Percent	14%, 59%, 82%
CMY	0.8629, 0.4076, 0.1808
CMYK	0.83, 0.28, 0.00, 0.18
HSL	200°, 71%, 48%
HSV	200°, 83%, 82%
XYZ	23.2618, 27.1037, 64.2620
YIQ	122.9280, -87.7540, -6.5540

Conversions

Conversions Part 2

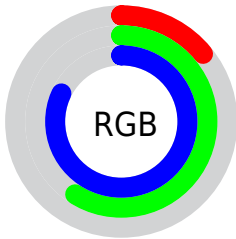
Format	Color
R_{YB}	35, 105, 209
Decimal	2332625
CIE _{Lab}	59.07, -10.82, -38.33
CIE _{LCh}	59, 39.830, 254.233
Yxy	27.1037, 0.2029, 0.2365
Android (android.graphics.Color)	4280522705 (0xFF2397D1)
YUV	122.9280, 42.4335, -77.1129
Hunter-Lab	52.0612, -11.3506, -36.7421

Details

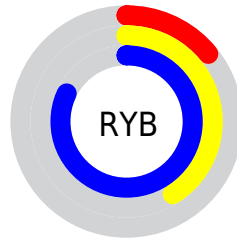
The YIQ color **122.9280, -87.7540, -6.5540** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle washed azure. A complement of this color would be **121.0720, 87.7540, 6.5540**, and the grayscale version is **123.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **182.2950, -72.6700, -4.5900**, and **76.2560, -76.9340, -4.4060** is the 20% darker color. If you saturate the color by 10%, you get **112.5400, -98.3450, -7.3450**, and if you desaturate by 10%, it is **133.3160, -77.1630, -5.7630**.

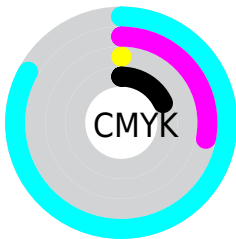
Distribution



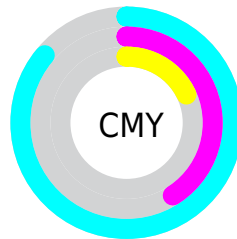
- Red (14%)
- Green (59%)
- Blue (82%)



- Red (14%)
- Yellow (41%)
- Blue (82%)



- Cyan (83%)
- Magenta (28%)
- Yellow (0%)
- Black (18%)



- Cyan (86%)
- Magenta (41%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 122.9280, -87.7540, -6.5540 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 122.9280, -87.7540, -6.5540 by changing the saturation by 10% instead.

■ 122.9280,
-87.7540, -6.5540

■ 122.9280,
-87.7540, -6.5540

■ 255.0000, -0.0000,
-0.0000

■ 94.0090, -92.4760,
-9.0840

■ 182.2950,
-72.6700, -4.5900

■ 76.2560, -76.9340,
-4.4060

■ 208.2990,
-61.2980, -12.4500

■ 59.7910, -62.2630,
-0.4630

■ 230.1830,
-49.4680, -17.5960

■ 43.4400, -47.9130,
3.7910

■ 239.4520,
-30.9920, -11.0240

■ 28.2630, -34.1130,
6.9990

■ 248.4220,
-13.1120, -4.6640

■ 9.2050, -19.0300,
14.4900

■ 4.9360, -11.1430,

9.2170

■ 0.5700, -1.6050,
1.5550

■ 0.0000, 0.0000,
0.0000

■ 122.9280,
-87.7540, -6.5540

■ 122.9280,
-87.7540, -6.5540

■ 112.5400,
-98.3450, -7.3450

■ 133.3160,
-77.1630, -5.7630

■ 105.4190,
-105.3140, -7.6980

■ 143.7040,
-66.5720, -4.9720

■ 154.0920,
-55.9810, -4.1810

■ 164.4800,
-45.3900, -3.3900

■ 174.5690,
-35.3950, -2.8110

■ 184.9570,
-24.8040, -2.0200

■ 195.3450,
-14.2130, -1.2290

■ 205.7330, -3.6220,
-0.4380

■ 216.1210, 6.9690,
0.3530

Harmonies

Analogous

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



114.4060, -104.4400, -23.5440



122.9280, -87.7540, -6.5540



140.8040, -36.7740, 16.6820

Triad

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



122.9280, -87.7540, -6.5540



143.8870, 52.4470, 24.1830



132.9500, -6.8720, -29.6560

Complementary

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



122.9280, -87.7540, -6.5540



121.0720, 87.7540, 6.5540

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.



137.2760, 24.6250, -22.2790



122.9280, -87.7540, -6.5540



142.2550, 56.6220, 9.0860

Square

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



122.9280, -87.7540, -6.5540



145.7620, 34.1060, 31.6900



140.6150, 46.0800, -9.1200



124.5830, -48.3190, -32.9190

Rectangle

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



122.9280, -87.7540, -6.5540



145.1450, -9.6330, 25.9110



140.6150, 46.0800, -9.1200



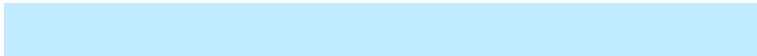
135.1640, 4.2690, -27.8190

Sweetspot

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



122.9280, -87.7540, -6.5540



223.5370, -32.3690, -2.5850



143.4080, -65.5050, -73.8970



108.7080, -19.6690, -1.4690



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.



122.9280, -87.7540, -6.5540



128.8600, -128.6050, -9.6050



73.6200, -64.6540, 37.3780



99.3630, -5.4560, -0.2400



84.8960, -84.7280, -6.3280



20.5230, -20.5860, -1.3700

Inverse Universe

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



100.2500, 66.4680, 72.9640



95.6250, 97.4100, 106.9300



170.3800, 64.6540, -37.3780



98.0870, 4.3090, 4.5090



63.0000, 64.1760, 70.4480



15.3370, 15.7690, 17.0890

Previews

White Background



This preview shows how the YIQ color 122.9280, -87.7540, -6.5540 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 122.9280, -87.7540, -6.5540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

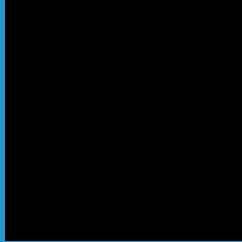
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 122.9280, -87.7540, -6.5540

Background



This preview shows how black text looks on a background with the YIQ color 122.9280, -87.7540, -6.5540.



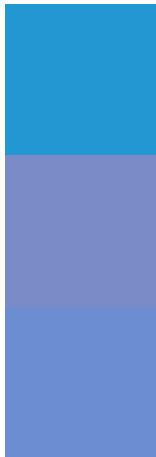
This preview shows how white text looks on a background with the YIQ color 122.9280, -87.7540, -6.5540.

-6.5540.

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

122.9280, -87.7540, -6.5540

Protanopia

141.0560, -28.7960, 15.2680

Deuteranopia

139.4120, -41.5420, 14.9860



Tritanopia

111.4250, -97.4240, -29.5520

Trichromacy



Original Color

122.9280, -87.7540, -6.5540

Protanomaly

134.2920, -50.2520, 7.6360

Deuteranomaly

133.5730, -58.4130, 6.8590

Tritanomaly

115.8480, -93.9410, -21.0850

Monochromacy



Original Color

122.9280, -87.7540, -6.5540

Achromatopsia

123.0000, -0.0000, -0.0000

Achromatomaly

122.8360, -31.7730, -2.3730

CSS Examples

Text

The CSS property to change the color of the text to YIQ 122.9280, -87.7540, -6.5540 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(35, 151, 209)` looks like.

```
.text, #text, p{  
    color:rgb(35, 151, 209)  
}
```

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(35, 151, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 151, 209) }
```

Border

The CSS property to change the border of an element to YIQ 122.9280, -87.7540, -6.5540 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(35, 151, 209) }
```


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

```
.border{ border-color:rgb(35, 151, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(35, 151, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 151, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 151, 209);  
box-shadow:4px 4px 4px 4px rgb(35, 151,  
209) }
```

Background

The CSS property to change the background color of an element to YIQ 122.9280, -87.7540, -6.5540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 151, 209) }
```

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

```
.background{ background-color: rgb(35, 151,  
209) }
```

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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