

Converting Colors

YIQ(217.2420, -57.1240,
-22.0200)

Have a look what the booklet for
YIQ(217.2420, -57.1240, -22.0200)
contains.

YIQ(217.2420, -57.1240, -22.0200)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(217.2420, -57.1240,
-22.0200)**

Conversions

Conversions Part 1

Format	Color
Hex	95F7F3
RGB	149, 247, 243
RGB Percent	58%, 97%, 95%
CMY	0.4159, 0.0312, 0.0473
CMYK	0.40, 0.00, 0.02, 0.03
HSL	177°, 86%, 78%
HSV	177°, 40%, 97%
XYZ	61.8259, 79.3983, 96.8157
YIQ	217.2420, -57.1240, -22.0200

Conversions

Conversions Part 2

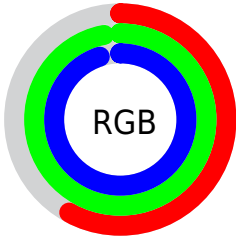
Format	Color
R_YB	149, 199, 247
Decimal	9828339
CIE Lab	91.41, -29.77, -7.12
CIE LCh	91, 30.607, 193.458
Yxy	79.3983, 0.2597, 0.3336
Android (android.graphics.Color)	4288018419 (0xFF95F7F3)
YUV	217.2420, 12.6987, -59.8482
Hunter-Lab	89.1057, -32.0830, -2.0462

Details

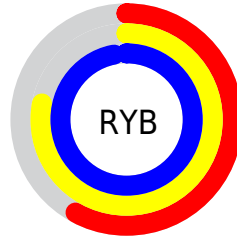
The YIQ color **217.2420, -57.1240, -22.0200** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **178.7580, 57.1240, 22.0200**, and the grayscale version is **217.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **240.6480, -28.6080, -10.1760**, and **160.0570, -58.0410, -21.9210** is the 20% darker color. If you saturate the color by 10%, you get **209.6530, -71.7030, -27.6310**, and if you desaturate by 10%, it is **224.8310, -42.5450, -16.4090**.

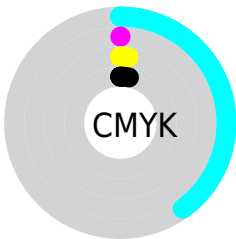
Distribution



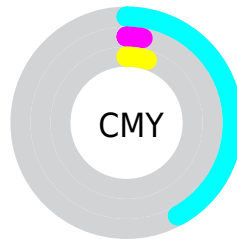
- Red (58%)
- Green (97%)
- Blue (95%)



- Red (58%)
- Yellow (78%)
- Blue (97%)



- Cyan (40%)
- Magenta (0%)
- Yellow (2%)
- Black (3%)



- Cyan (42%)
- Magenta (3%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 217.2420, -57.1240, -22.0200 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 217.2420, -57.1240, -22.0200 by changing the saturation by 10% instead.

217.2420,
-57.1240, -22.0200

217.2420,
-57.1240, -22.0200

255.0000, -0.0000,
-0.0000

188.3560,
-57.4450, -21.7090

240.6480,
-28.6080, -10.1760

160.0570,
-58.0410, -21.9210

249.6180,
-10.7280, -3.8160

132.1600,
-59.8290, -22.5570

101.6860,
-67.3020, -24.7900

77.5830, -65.5140,
-24.1540

60.0580, -50.6140,
-18.8540

43.3480, -36.6310,

-13.4550

■ 27.9260, -23.5190,
-8.7910

■ 8.6230, -9.1240,
0.1560

■ 217.2420,
-57.1240, -22.0200

■ 217.2420,
-57.1240, -22.0200

■ 209.6530,
-71.7030, -27.6310

■ 224.8310,
-42.5450, -16.4090

■ 202.3630,
-85.6860, -33.0300

■ 232.1210,
-28.5620, -11.0100

■ 194.7740,
-100.2650, -38.6410

■ 239.7100,
-13.9830, -5.3990

■ 187.1850,
-114.8440, -44.2520

■ 247.2990, 0.5960,
0.2120

■ 179.5960,
-129.4230, -49.8630

■ 249.5060, 4.4470,
2.0070

■ 172.3060,
-143.4060, -55.2620

■ 249.6200, 4.1260,
2.3180

■ 172.0070,
-144.0020, -55.4740

■ 249.7340, 3.8050,
2.6290

■ 249.8480, 3.4840,
2.9400

■ 249.9620, 3.1630,
3.2510

Harmonies

Analogous

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



220.4110, -32.9150, -25.7390



217.2420, -57.1240, -22.0200



216.5500, -60.7470, -16.9310

Triad

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



217.2420, -57.1240, -22.0200



232.0850, 7.7910, 18.5030



227.0960, 34.4800, -8.1440

Complementary

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



217.2420, -57.1240, -22.0200



178.7580, 57.1240, 22.0200

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.



223.6370, 31.8190, 1.5390



217.2420, -57.1240, -22.0200



228.3740, 14.3470, 20.8350

Square

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



217.2420, -57.1240, -22.0200



227.1800, -17.8820, 4.6940



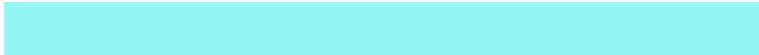
223.7800, 24.5270, 12.5510



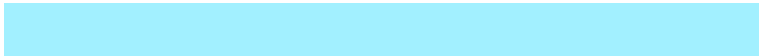
227.6550, 22.2400, -17.6000

Rectangle

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



217.2420, -57.1240, -22.0200



218.3880, -51.3030, -11.8710



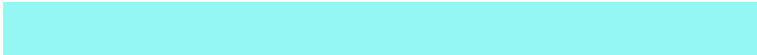
223.7800, 24.5270, 12.5510



225.7910, 34.0210, -5.3310

Sweetspot

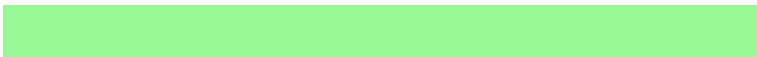
The Sweet Spot groups the original color and five complimentary colors.



217.2420, -57.1240, -22.0200



245.6170, -18.1550, -6.8830



208.0210, -23.9700, -50.1940



122.5040, -10.4070, -4.1270



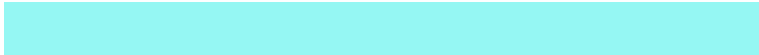
0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



217.2420, -57.1240, -22.0200



217.9520, -71.1070, -27.4190



191.8700, -46.3080, 2.2360



118.4120, -7.1520, -2.5440



129.4740, -108.2880, -41.9200



41.0170, -34.2010, -13.4410

Inverse Universe

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



178.7580, 57.1240, 22.0200



170.0480, 71.1070, 27.4190



204.1300, 46.3080, -2.2360



113.7020, 6.8310, 2.8550



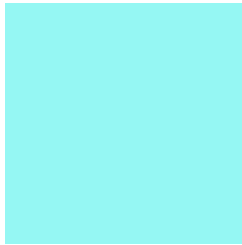
56.5260, 108.2880, 41.9200



17.8690, 34.5220, 13.1300

Previews

White Background



This preview shows how the YIQ color 217.2420, -57.1240, -22.0200 looks on a white background.

Color Contrast Check

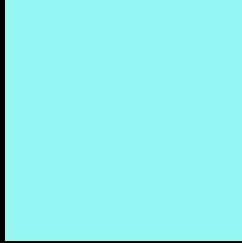
Large Text (above 18pt) WCAG AA × Fail

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 217.2420, -57.1240, -22.0200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

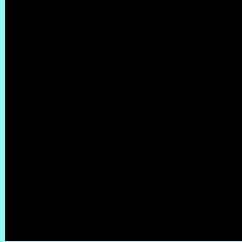
Any Text WCAG AA ✓ Pass

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 217.2420, -57.1240, -22.0200 Background



This preview shows how black text looks on a background with the YIQ color 217.2420, -57.1240, -22.0200.



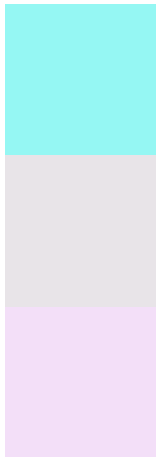
This preview shows how white text looks on a background with the YIQ color 217.2420, -57.1240, -22.0200.

-22.0200.

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

217.2420, -57.1240, -22.0200

Protanopia

229.6520, 1.1000, 2.0920

Deuteranopia

231.8300, 3.8950, 12.0150



Tritanopia

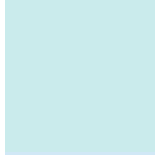
223.1720, -41.7670, -8.4790

Trichromacy



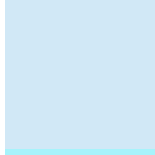
Original Color

217.2420, -57.1240, -22.0200



Protanomaly

225.2470, -19.9890, -6.6850



Deuteranomaly

226.7190, -18.2020, -0.5220



Tritanomaly

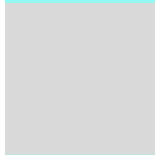
221.1880, -47.8640, -13.6240

Monochromacy



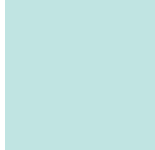
Original Color

217.2420, -57.1240, -22.0200



Achromatopsia

217.0000, -0.0000, 0.0000



Achromatomaly

217.0080, -20.8140, -8.2540

CSS Examples

Text

The CSS property to change the color of the text to YIQ 217.2420, -57.1240, -22.0200 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(149, 247, 243)` looks like.

```
.text, #text, p{  
    color:rgb(149, 247, 243)  
}
```

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(149, 247, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 247, 243) }
```

Border

The CSS property to change the border of an element to YIQ 217.2420, -57.1240, -22.0200 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(149, 247, 243) }
```


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

```
.border{ border-color:rgb(149, 247, 243) }
```

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

Here you see how a box with a 4 pixel rgb(149, 247, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 247, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 247, 243);  
box-shadow:4px 4px 4px 4px rgb(149, 247,  
243) }
```

Background

The CSS property to change the background color of an element to YIQ 217.2420, -57.1240, -22.0200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 247, 243) }
```

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

```
.background{ background-color: rgb(149,  
247, 243) }
```

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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