

Converting Colors

YIQ(188.1250, -114.6150,
-42.8950)

Have a look what the booklet for
YIQ(188.1250, -114.6150, -42.8950)
contains.

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Color

**YIQ(188.1250, -114.6150,
-42.8950)**

Conversions

Conversions Part 1

Format	Color
Hex	34F7F2
RGB	52, 247, 242
RGB Percent	20%, 97%, 95%
CMY	0.7965, 0.0310, 0.0514
CMYK	0.79, 0.00, 0.02, 0.03
HSL	178°, 92%, 59%
HSV	178°, 79%, 97%
XYZ	50.7056, 73.7025, 95.4674
YIQ	188.1250, -114.6150, -42.8950

Conversions

Conversions Part 2

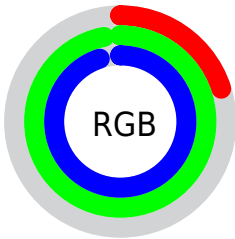
Format	Color
R _{YB}	52, 151, 247
Decimal	3471346
CIE _{Lab}	88.78, -46.13, -10.77
CIE _{LCh}	89, 47.368, 193.137
Yxy	73.7025, 0.2306, 0.3352
Android (android.graphics.Color)	4281661426 (0xFF34F7F2)
YUV	188.1250, 26.5604, -119.3816
Hunter-Lab	85.8501, -44.8104, -5.8368

Details

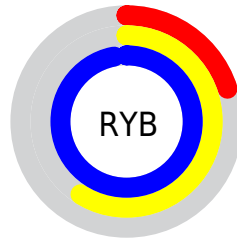
The YIQ color **188.1250, -114.6150, -42.8950** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **110.8750, 114.6150, 42.8950**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **218.5220, -72.7120, -25.8640**, and **132.7340, -111.9560, -41.5240** is the 20% darker color. If you saturate the color by 10%, you get **180.5360, -129.1940, -48.5060**, and if you desaturate by 10%, it is **195.7140, -100.0360, -37.2840**.

Distribution



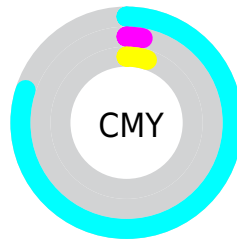
- Red (20%)
- Green (97%)
- Blue (95%)



- Red (20%)
- Yellow (59%)
- Blue (97%)



- Cyan (79%)
- Magenta (0%)
- Yellow (2%)
- Black (3%)



- Cyan (80%)
- Magenta (3%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 188.1250, -114.6150, -42.8950 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 188.1250, -114.6150, -42.8950 by changing the saturation by 10% instead.

188.1250,
-114.6150, -42.8950

188.1250,
-114.6150, -42.8950

255.0000, -0.0000,
-0.0000

152.3620,
-128.6440, -47.4600

218.5220,
-72.7120, -25.8640

132.7340,
-111.9560, -41.5240

228.3890,
-53.0440, -18.8680

113.2200,
-95.5890, -35.2770

238.2560,
-33.3760, -11.8720

94.4070, -79.8180,
-29.2420

247.8240,
-14.3040, -5.0880

76.2950, -64.6430,
-23.4190

58.7700, -49.7430,
-18.1190

41.4730, -35.4850,

-12.1970

■ 26.7520, -22.9690,
-7.7450

■ 2.7530, -6.3740,
5.3860

■ 188.1250,
-114.6150, -42.8950

■ 188.1250,
-114.6150, -42.8950

■ 180.5360,
-129.1940, -48.5060

■ 195.7140,
-100.0360, -37.2840

■ 173.0610,
-144.0940, -53.8060

■ 202.8900,
-85.7320, -32.1960

■ 172.4630,
-145.2860, -54.2300

■ 210.4790,
-71.1530, -26.5850

■ 218.0680,
-56.5740, -20.9740

■ 225.2440,
-42.2700, -15.8860

■ 232.8330,
-27.6910, -10.2750

■ 240.3080,
-12.7910, -4.9750

■ 247.8970, 1.7880,
0.6360

■ 249.5060, 4.4470,
2.0070

Harmonies

Analogous

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



203.4200, -55.4700, -40.9900



188.1250, -114.6150, -42.8950



172.2980, -148.9550, -48.3070

Triad

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



188.1250, -114.6150, -42.8950



224.4650, 12.8330, 26.2490



215.7200, 49.9780, -13.6860

Complementary

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



188.1250, -114.6150, -42.8950



110.8750, 114.6150, 42.8950

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.



209.8790, 45.7570, 2.2450



188.1250, -114.6150, -42.8950



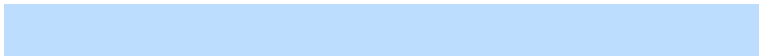
216.8620, 19.2050, 31.9170

Square

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



188.1250, -114.6150, -42.8950



215.3080, -29.9860, 3.7900



209.9710, 34.4750, 19.4910



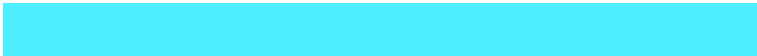
218.0780, 33.7500, -27.9620

Rectangle

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



188.1250, -114.6150, -42.8950



192.3970, -100.2210, -28.4210



209.9710, 34.4750, 19.4910



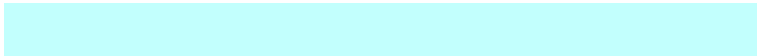
213.4690, 49.4270, -9.2050

Sweetspot

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



188.1250, -114.6150, -42.8950



236.5330, -35.7140, -13.5540



168.2590, -50.0490, -100.7130



116.8230, -21.7310, -8.1550



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.



188.1250, -114.6150, -42.8950



181.9580, -142.3060, -53.1700



135.2780, -91.1950, 6.2530



118.4120, -7.1520, -2.5440



129.8160, -109.2510, -40.9870



41.1310, -34.5220, -13.1300

Inverse Universe

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



110.8750, 114.6150, 42.8950



86.0420, 142.3060, 53.1700



163.7220, 91.1950, -6.2530



113.5880, 7.1520, 2.5440



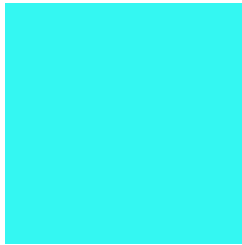
56.1840, 109.2510, 40.9870



17.8690, 34.5220, 13.1300

Previews

White Background



This preview shows how the YIQ color 188.1250, -114.6150, -42.8950 looks on a white background.

Color Contrast Check

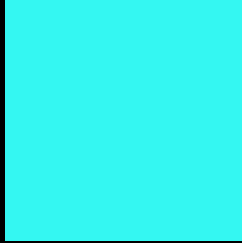
Large Text (above 18pt) WCAG AA × Fail

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 188.1250, -114.6150, -42.8950 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

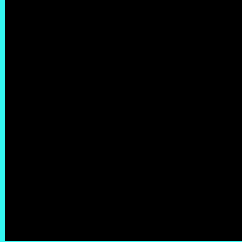
Any Text WCAG AA ✓ Pass

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 188.1250, -114.6150, -42.8950 Background



This preview shows how black text looks on a background with the YIQ color 188.1250, -114.6150, -42.8950.



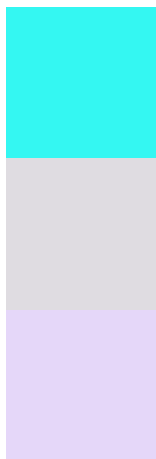
This preview shows how white text looks on a background with the YIQ color 188.1250, -114.6150, -42.8950.

-42.8950.

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

188.1250, -114.6150, -42.8950

Protanopia

221.4670, 0.1830, 2.1910

Deuteranopia

223.0620, -2.5700, 13.5420



Tritanopia

206.4390, -73.6760, -19.4040

Trichromacy



Original Color

188.1250, -114.6150, -42.8950



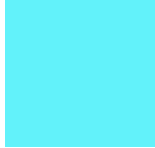
Protanomaly

209.4830, -41.4450, -14.3170



Deuteranomaly

210.6280, -43.0510, -7.2350



Tritanomaly

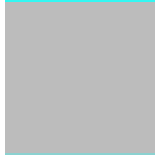
199.8560, -88.3920, -28.0400

Monochromacy



Original Color

188.1250, -114.6150, -42.8950



Achromatopsia

188.0000, 0.0000, 0.0000



Achromatomaly

187.9560, -41.3990, -15.1510

CSS Examples

Text

The CSS property to change the color of the text to YIQ 188.1250, -114.6150, -42.8950 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, 247, 242)` looks like.

```
.text, #text, p{  
    color:rgb(52, 247, 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(52, 247, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 247, 242) }
```

Border

The CSS property to change the border of an element to YIQ 188.1250, -114.6150, -42.8950 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, 247, 242) }
```


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

```
.border{ border-color:rgb(52, 247, 242) }
```

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

Here you see how a box with a 4 pixel rgb(52, 247, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 247, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 247, 242);  
box-shadow:4px 4px 4px 4px rgb(52, 247,  
242) }
```

Background

The CSS property to change the background color of an element to YIQ 188.1250, -114.6150, -42.8950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 247, 242) }
```

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

```
.background{ background-color: rgb(52, 247,  
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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