

Converting Colors

YIQ(114.9530, -54.5120,
-14.2880)

Have a look what the booklet for
YIQ(114.9530, -54.5120, -14.2880)
contains.

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Color

**YIQ(114.9530, -54.5120,
-14.2880)**

Conversions

Conversions Part 1

Format	Color
Hex	368B97
RGB	54, 139, 151
RGB Percent	21%, 55%, 59%
CMY	0.7884, 0.4548, 0.4081
CMYK	0.64, 0.08, 0.00, 0.41
HSL	187°, 47%, 40%
HSV	187°, 64%, 59%
XYZ	16.3377, 21.4910, 32.5407
YIQ	114.9530, -54.5120, -14.2880

Conversions

Conversions Part 2

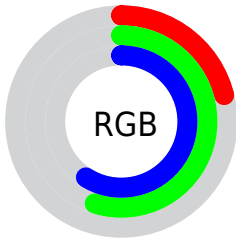
Format	Color
RYB	54, 99, 151
Decimal	3574679
CIELab	53.48, -21.49, -13.92
CIElCh	53, 25.603, 212.933
Yxy	21.4910, 0.2322, 0.3054
Android (android.graphics.Color)	4281764759 (0xFF368B97)
YUV	114.9530, 17.7712, -53.4558
Hunter-Lab	46.3584, -18.2199, -9.1671

Details

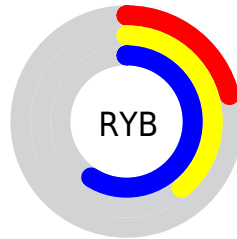
The YIQ color **114.9530, -54.5120, -14.2880** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **90.0470, 54.5120, 14.2880**, and the grayscale version is **115.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **170.1490, -52.1280, -13.4400**, and **63.6430, -56.5750, -15.4470** is the 20% darker color. If you saturate the color by 10%, you get **109.2940, -62.9020, -16.4220**, and if you desaturate by 10%, it is **120.6120, -46.1220, -12.1540**.

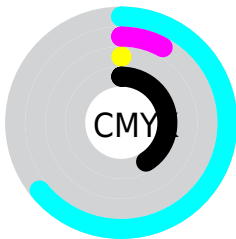
Distribution



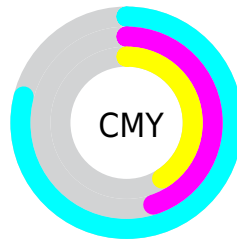
- Red (21%)
- Green (55%)
- Blue (59%)



- Red (21%)
- Yellow (39%)
- Blue (59%)



- Cyan (64%)
- Magenta (8%)
- Yellow (0%)
- Black (41%)



- Cyan (79%)
- Magenta (45%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 114.9530, -54.5120, -14.2880 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 114.9530, -54.5120, -14.2880 by changing the saturation by 10% instead.

■ 114.9530,
-54.5120, -14.2880

■ 114.9530,
-54.5120, -14.2880

■ 255.0000, -0.0000,
-0.0000

■ 85.0660, -62.2600,
-17.0440

■ 170.1490,
-52.1280, -13.4400

■ 63.6430, -56.5750,
-15.4470

■ 198.1490,
-52.1280, -13.4400

■ 46.8190, -42.2710,
-10.3590

■ 225.7640,
-49.6060, -15.0940

■ 31.2830, -28.8380,
-6.0060

■ 237.6580,
-34.5680, -12.2960

■ 16.5620, -16.3220,
-1.5540

■ 246.6280,
-16.6880, -5.9360

■ 0.7980, -2.2470,
2.1770

■ 0.0000, 0.0000,

0.0000

■ 114.9530,
-54.5120, -14.2880

■ 114.9530,
-54.5120, -14.2880

■ 109.2940,
-62.9020, -16.4220

■ 120.6120,
-46.1220, -12.1540

■ 103.6350,
-71.2920, -18.5560

■ 126.2710,
-37.7320, -10.0200

■ 97.9760, -79.6820,
-20.6900

■ 131.9300,
-29.3420, -7.8860

■ 94.6980, -84.7710,
-22.0750

■ 137.0020,
-20.6770, -5.2290

■ 142.6610,
-12.2870, -3.0950

■ 148.6190, -3.3010,
-0.7490

■ 154.2780, 5.0890,
1.3850

■ 159.9370, 13.4790,
3.5190

■ 165.5960, 21.8690,
5.6530

Harmonies

Analogous

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



116.9190, -39.9770, -18.8970



114.9530, -54.5120, -14.2880



119.0990, -48.6910, -4.1390

Triad

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



114.9530, -54.5120, -14.2880



131.0320, 15.3100, 19.9020



126.2840, 22.1470, -10.4050

Complementary

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



114.9530, -54.5120, -14.2880



90.0470, 54.5120, 14.2880

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.



128.4260, 33.7910, -1.1610



114.9530, -54.5120, -14.2880



130.3510, 30.3490, 17.1730

Square

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



114.9530, -54.5120, -14.2880



129.9030, -6.3760, 16.4400



129.1310, 36.5400, 9.5960



123.9010, 3.9920, -17.2880

Rectangle

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



114.9530, -54.5120, -14.2880



123.3010, -37.2760, 3.7480



129.1310, 36.5400, 9.5960



127.2030, 26.8690, -7.8750

Sweetspot

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



114.9530, -54.5120, -14.2880



182.5890, -20.9520, -5.7520



112.1930, -30.2060, -47.3100



91.2480, -12.5620, -3.6180



227.0000, -0.0000, -0.0000



99.0000, -0.0000, 0.0000

Same Dimension

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



114.9530, -54.5120, -14.2880



140.2850, -85.0460, -22.5980



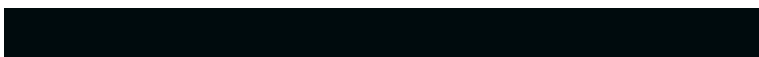
86.7770, -41.3120, 10.8160



74.0210, -4.4930, -1.1730



88.1610, -78.7650, -20.7890



7.9390, -7.1980, -1.7100

Inverse Universe

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



92.6930, 30.5270, 46.9990



105.3110, 47.3030, 73.3750



118.2230, 41.3120, -10.8160



72.1900, 2.5210, 3.8730



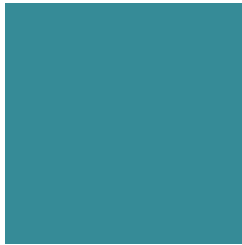
55.8820, 43.9570, 67.9330



5.1410, 4.2170, 6.1770

Previews

White Background



This preview shows how the YIQ color 114.9530, -54.5120, -14.2880 looks on a white background.

Color Contrast Check

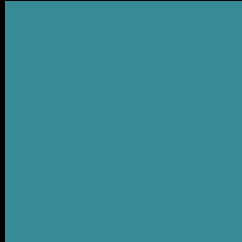
Large Text (above 18pt) WCAG AA ✓ Pass

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 114.9530, -54.5120, -14.2880 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

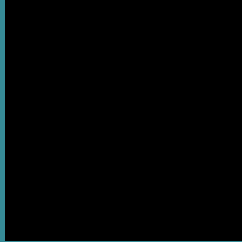
Any Text WCAG AA ✓ Pass

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 114.9530, -54.5120, -14.2880 Background



This preview shows how black text looks on a background with the YIQ color 114.9530, -54.5120, -14.2880.



This preview shows how white text looks on a background with the YIQ color 114.9530, -54.5120, -14.2880.

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

114.9530, -54.5120, -14.2880

Protanopia

127.5250, -5.7320, 4.7640

Deuteranopia

128.0180, -8.4380, 9.7540



Tritanopia

114.8390, -54.1910, -14.5990

Trichromacy



Original Color

114.9530, -54.5120, -14.2880

Protanomaly

123.0280, -23.5660, -2.4300

Deuteranomaly

123.0650, -24.9880, 1.3160

Tritanomaly

114.8390, -54.1910, -14.5990

Monochromacy



Original Color

114.9530, -54.5120, -14.2880

Achromatopsia

115.0000, -0.0000, 0.0000

Achromatomaly

115.1870, -19.7600, -5.3280

CSS Examples

Text

The CSS property to change the color of the text to YIQ 114.9530, -54.5120, -14.2880 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(54, 139, 151)` looks like.

```
.text, #text, p{  
    color:rgb(54, 139, 151)  
}
```

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(54, 139, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 139, 151) }
```

Border

The CSS property to change the border of an element to YIQ 114.9530, -54.5120, -14.2880 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(54, 139, 151) }
```


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

```
.border{ border-color:rgb(54, 139, 151) }
```

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

Here you see how a box with a 4 pixel rgb(54, 139, 151) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 139, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 139, 151);  
box-shadow:4px 4px 4px 4px rgb(54, 139,  
151) }
```

Background

The CSS property to change the background color of an element to YIQ 114.9530, -54.5120, -14.2880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 139, 151) }
```

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

```
.background{ background-color: rgb(54, 139,  
151) }
```

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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