

Converting Colors

YIQ(124.0510, -39.5680, 1.2320)

Have a look what the booklet for
YIQ(124.0510, -39.5680, 1.2320)
contains.

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Color

**YIQ(124.0510, -39.5680,
1.2320)**

Conversions

Conversions Part 1

Format	Color
Hex	5786AA
RGB	87, 134, 170
RGB Percent	34%, 53%, 67%
CMY	0.6589, 0.4744, 0.3335
CMYK	0.49, 0.21, 0.00, 0.33
HSL	206°, 33%, 50%
HSV	206°, 49%, 67%
XYZ	19.7074, 21.9813, 41.2110
YIQ	124.0510, -39.5680, 1.2320

Conversions

Conversions Part 2

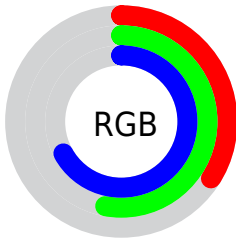
Format	Color
R _Y B	87, 117, 170
Decimal	5736106
CIE Lab	54.01, -5.82, -23.97
CIE LCh	54, 24.665, 256.358
Yxy	21.9813, 0.2377, 0.2652
Android (android.graphics.Color)	4283926186 (0xFF5786AA)
YUV	124.0510, 22.6529, -32.4937
Hunter-Lab	46.8842, -7.0163, -19.2966

Details

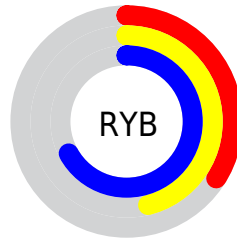
The YIQ color $124.0510, -39.5680, 1.2320$ is a dark color, and the websafe version is hex $6699CC$. A complement of this color would be $132.9490, 39.5680, -1.2320$, and the grayscale version is $124.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $177.5780, -39.6140, 2.0660$, and $72.6160, -42.7770, -1.1850$ is the 20% darker color. If you saturate the color by 10%, you get $114.8590, -47.7750, 1.2890$, and if you desaturate by 10%, it is $133.2430, -31.3610, 1.1750$.

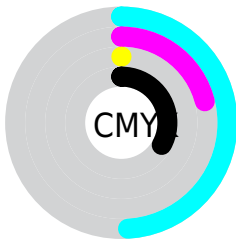
Distribution



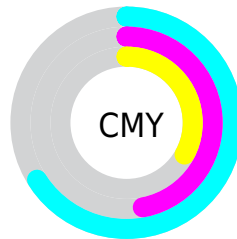
- Red (34%)
- Green (53%)
- Blue (67%)



- Red (34%)
- Yellow (46%)
- Blue (67%)



- Cyan (49%)
- Magenta (21%)
- Yellow (0%)
- Black (33%)



- Cyan (66%)
- Magenta (47%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 124.0510, -39.5680, 1.2320 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 124.0510, -39.5680, 1.2320 by changing the saturation by 10% instead.

■ 124.0510,
-39.5680, 1.2320

■ 124.0510,
-39.5680, 1.2320

■ 255.0000, -0.0000,
-0.0000

■ 98.2250, -40.1180,
0.1860

■ 177.5780,
-39.6140, 2.0660

■ 72.6160, -42.7770,
-1.1850

■ 205.6920,
-39.9350, 2.3770

■ 46.4090, -46.6280,
-2.9800

■ 230.6140,
-31.2680, -6.0200

■ 31.3460, -33.1490,
0.5390

■ 246.3290,
-17.2840, -6.1480

■ 16.5110, -20.3120,
4.6800

■ 3.5510, -8.6210,
7.5630

■ 0.0000, 0.0000,

0.0000

■ 124.0510,
-39.5680, 1.2320

■ 124.0510,
-39.5680, 1.2320

■ 114.8590,
-47.7750, 1.2890

■ 133.2430,
-31.3610, 1.1750

■ 105.0800,
-55.7070, 1.8690

■ 143.0220,
-23.4290, 0.5950

■ 95.8880, -63.9140,
1.9260

■ 152.2140,
-15.2220, 0.5380

■ 86.6960, -72.1210,
1.9830

■ 161.4060, -7.0150,
0.4810

■ 76.9170, -80.0530,
2.5630

■ 171.1850, 0.9170,
-0.0990

■ 75.7320, -80.9700,
2.6620

■ 180.3770, 9.1240,
-0.1560

■ 190.1560, 17.0560,
-0.7360

■ 199.3480, 25.2630,
-0.7930

■ 208.5400, 33.4700,
-0.8500

Harmonies

Analogous

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



118.5560, -51.7160, -9.8920



124.0510, -39.5680, 1.2320



129.2110, -19.1670, 11.4650

Triad

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



124.0510, -39.5680, 1.2320



131.7980, 33.2840, 13.5400



123.9970, -5.0860, -17.9660

Complementary

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



124.0510, -39.5680, 1.2320



132.9490, 39.5680, -1.2320

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.



126.3970, 14.3990, -13.1610



124.0510, -39.5680, 1.2320



130.4850, 35.3030, 4.4790

Square

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



124.0510, -39.5680, 1.2320



132.2130, 22.0500, 18.8980



128.5670, 28.8400, -5.0480



120.4490, -26.9100, -18.9260

Rectangle

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



124.0510, -39.5680, 1.2320



131.4580, -3.6250, 16.1430



128.5670, 28.8400, -5.0480



124.6450, 1.8370, -16.7790

Sweetspot

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



124.0510, -39.5680, 1.2320



203.3280, -15.5430, 0.8490



139.7110, -34.0600, -32.5240



100.7370, -9.4450, 0.4670



240.0000, -0.0000, -0.0000



112.0000, -0.0000, 0.0000

Same Dimension

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



124.0510, -39.5680, 1.2320



149.3720, -62.4010, 2.0390



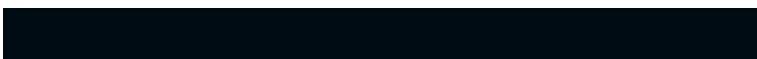
100.5710, -28.5680, 22.1520



79.8470, -3.9430, -0.1270



66.1800, -70.6080, 2.0960



9.3240, -9.7200, -0.0560

Inverse Universe

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



117.1750, 34.3810, 32.2130



138.6050, 54.3220, 50.7860



156.4290, 28.5680, -22.1520



78.9620, 3.1630, 3.2510



53.8280, 61.2440, 57.5000



7.3480, 8.0680, 7.9720

Previews

White Background



This preview shows how the YIQ color 124.0510, -39.5680, 1.2320 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 124.0510, -39.5680, 1.2320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

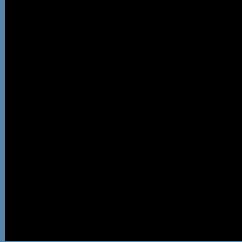
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

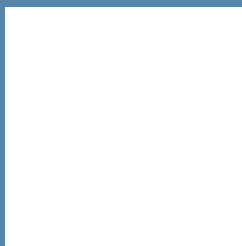
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 124.0510, -39.5680, 1.2320

Background



This preview shows how black text looks on a background with the YIQ color 124.0510, -39.5680, 1.2320.

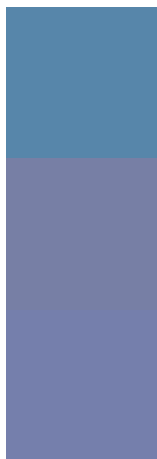


This preview shows how white text looks on a background with the YIQ color 124.0510, -39.5680,

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

124.0510, -39.5680, 1.2320

Protanopia

128.9400, -16.9660, 10.1220

Deuteranopia

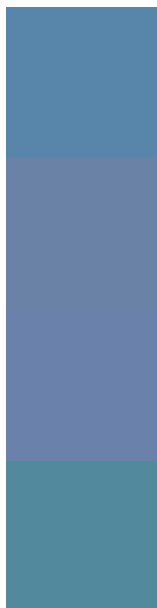
129.1400, -20.4050, 11.8750



Tritanopia

121.9120, -38.0990, -8.8750

Trichromacy



Original Color

124.0510, -39.5680, 1.2320

Protanomaly

127.3410, -25.5850, 6.6310

Deuteranomaly

127.4980, -27.4650, 7.6630

Tritanomaly

123.1340, -38.6040, -5.2280

Monochromacy



Original Color

124.0510, -39.5680, 1.2320

Achromatopsia

124.0000, -0.0000, -0.0000

Achromatomaly

124.3990, -14.3050, 0.4390

CSS Examples

Text

The CSS property to change the color of the text to YIQ 124.0510, -39.5680, 1.2320 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(87, 134, 170)` looks like.

```
.text, #text, p{  
    color:rgb(87, 134, 170)  
}
```

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(87, 134, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 134, 170) }
```

Border

The CSS property to change the border of an element to YIQ 124.0510, -39.5680, 1.2320 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(87, 134, 170) }
```


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

```
.border{ border-color:rgb(87, 134, 170) }
```

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

Here you see how a box with a 4 pixel rgb(87, 134, 170) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 134, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 134, 170);  
box-shadow:4px 4px 4px 4px rgb(87, 134,  
170) }
```

Background

The CSS property to change the background color of an element to YIQ 124.0510, -39.5680, 1.2320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 134, 170) }
```

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

```
.background{ background-color: rgb(87, 134,  
170) }
```

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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