

Converting Colors

YIQ(122.5390, -51.9050,
21.0790)

Have a look what the booklet for
YIQ(122.5390, -51.9050, 21.0790)
contains.

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Color

**YIQ(122.5390, -51.9050,
21.0790)**

Conversions

Conversions Part 1

Format	Color
Hex	567BD8
RGB	86, 123, 216
RGB Percent	34%, 48%, 85%
CMY	0.6627, 0.5176, 0.1532
CMYK	0.60, 0.43, 0.00, 0.15
HSL	223°, 62%, 59%
HSV	223°, 60%, 85%
XYZ	23.3075, 21.1021, 67.7624
YIQ	122.5390, -51.9050, 21.0790

Conversions

Conversions Part 2

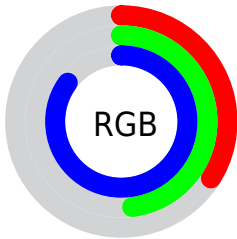
Format	Color
R_{YB}	86, 115, 216
Decimal	5667800
CIE _{Lab}	53.06, 15.28, -51.68
CIE _{LCh}	53, 53.896, 286.473
Yxy	21.1021, 0.2078, 0.1881
Android (android.graphics.Color)	4283857880 (0xFF567BD8)
YUV	122.5390, 46.0763, -32.0447
Hunter-Lab	45.9370, 10.1773, -55.3036

Details

The YIQ color `122.5390, -51.9050, 21.0790` is a dark color, and the websafe version is hex `3366CC`. The color can be described as middle muted azure. A complement of this color would be `179.4610, 51.9050, -21.0790`, and the grayscale version is `122.0000, 0.0000, -0.0000`.

A 20% lighter version of the original color is `175.1500, -43.5600, 18.5200`, and `62.2650, -71.9850, 10.5350` is the 20% darker color. If you saturate the color by 10%, you get `107.1560, -60.8920, 24.2600`, and if you desaturate by 10%, it is `137.9220, -42.9180, 17.8980`.

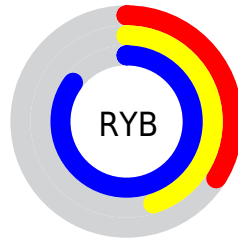
Distribution



Red (34%)

Green (48%)

Blue (85%)



Red (34%)

Yellow (45%)

Blue (85%)

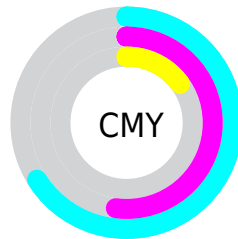


Cyan (60%)

Magenta (43%)

Yellow (0%)

Black (15%)



Cyan (66%)

Magenta (52%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 122.5390, -51.9050, 21.0790 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 122.5390, -51.9050, 21.0790 by changing the saturation by 10% instead.

■ 122.5390,
-51.9050, 21.0790

■ 122.5390,
-51.9050, 21.0790

■ 255.0000, -0.0000,
-0.0000

■ 94.8050, -55.7100,
18.4500

■ 175.1500,
-43.5600, 18.5200

■ 62.2650, -71.9850,
10.5350

■ 199.9690,
-33.1050, 10.7590

■ 46.3870, -57.5890,
13.9550

■ 225.0760,
-23.5210, 2.2630

■ 31.6830, -43.7430,
16.3290

■ 248.7210,
-12.5160, -4.4520

■ 15.3320, -29.3930,
20.5830

■ 10.2480, -20.5890,
15.2110

■ 5.2780, -12.1060,

10.1500

■ 2.0690, -4.4480,
3.5200

■ 0.0000, 0.0000,
0.0000

■ 122.5390,
-51.9050, 21.0790

■ 122.5390,
-51.9050, 21.0790

■ 107.1560,
-60.8920, 24.2600

■ 137.9220,
-42.9180, 17.8980

■ 91.4850, -69.0080,
28.1760

■ 153.5930,
-34.8020, 13.9820

■ 76.1020, -77.9950,
31.3570

■ 168.9760,
-25.8150, 10.8010

■ 61.0180, -86.3860,
34.7500

■ 184.6470,
-17.6990, 6.8850

■ 200.0300, -8.7120,
3.7040

■ 216.0000, -0.0000,
0.0000

■ 231.0840, 8.3910,
-3.3930

■ 245.8580, 14.7190,
-7.9450

■ 250.5540, 12.5190,
-12.1290

Harmonies

Analogous

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



105.7440, -107.6070, -4.6870



122.5390, -51.9050, 21.0790



130.3740, 6.3200, 39.6640

Triad

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



122.5390, -51.9050, 21.0790



123.6820, 71.4770, 9.6930



98.0310, -73.4880, -44.8480

Complementary

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



122.5390, -51.9050, 21.0790



179.4610, 51.9050, -21.0790

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.



111.6080, -15.0770, -40.6530



122.5390, -51.9050, 21.0790



122.2170, 58.6440, -16.5560

Square

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



122.5390, -51.9050, 21.0790



124.1390, 69.5930, 32.8330



118.1220, 30.4500, -34.2380



104.7910, -89.7670, -30.6550

Rectangle

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



122.5390, -51.9050, 21.0790



129.0370, 35.2500, 44.0020



118.1220, 30.4500, -34.2380



95.7340, -68.3980, -48.9900

Sweetspot

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



122.5390, -51.9050, 21.0790



221.8750, -18.3410, 7.5070



172.6840, -64.9610, -39.6890



107.0020, -11.5090, 4.8350



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.



122.5390, -51.9050, 21.0790



123.0870, -73.6390, 29.5050



108.5940, -26.2340, 45.9420



99.0150, -4.3560, 1.8520



48.2570, -68.3660, 27.5540



11.9460, -17.1030, 7.0970

Inverse Universe

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



129.0880, 65.6030, 39.0670



132.0580, 92.6510, 55.4910



193.4060, 26.2340, -45.9420



99.6310, 5.5930, 3.2650



56.7150, 86.1870, 51.4910



14.2250, 21.7760, 12.8480

Previews

White Background



This preview shows how the YIQ color 122.5390, -51.9050, 21.0790 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 122.5390, -51.9050, 21.0790 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 122.5390, -51.9050, 21.0790

Background



This preview shows how black text looks on a background with the YIQ color 122.5390, -51.9050, 21.0790.



This preview shows how white text looks on a background with the YIQ color 122.5390, -51.9050,

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

122.5390, -51.9050, 21.0790

Protanopia

122.5390, -51.9050, 21.0790

Deuteranopia

117.2980, -67.5840, 13.3760



Tritanopia

114.4370, -52.9990, -14.1750

Trichromacy



Original Color

122.5390, -51.9050, 21.0790

Protanomaly

122.5390, -51.9050, 21.0790

Deuteranomaly

119.4020, -61.9450, 15.8070

Tritanomaly

117.5270, -52.7720, -1.7640

Monochromacy



Original Color

122.5390, -51.9050, 21.0790

Achromatopsia

123.0000, -0.0000, -0.0000

Achromatomaly

122.9890, -18.6620, 7.8180

CSS Examples

Text

The CSS property to change the color of the text to YIQ 122.5390, -51.9050, 21.0790 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(86, 123, 216)` looks like.

```
.text, #text, p{  
    color:rgb(86, 123, 216)  
}
```

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(86, 123, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 123, 216) }
```

Border

The CSS property to change the border of an element to YIQ 122.5390, -51.9050, 21.0790 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(86, 123, 216) }
```


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

```
.border{ border-color:rgb(86, 123, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 123, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 123, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 123, 216);  
box-shadow:4px 4px 4px 4px rgb(86, 123,  
216) }
```

Background

The CSS property to change the background color of an element to YIQ 122.5390, -51.9050, 21.0790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 123, 216) }
```

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

```
.background{ background-color: rgb(86, 123,  
216) }
```

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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