

Converting Colors

YIQ(99.6740, -56.7190, 20.2170)

Have a look what the booklet for
YIQ(99.6740, -56.7190, 20.2170)
contains.

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Color

**YIQ(99.6740, -56.7190,
20.2170)**

Conversions

Conversions Part 1

Format	Color
Hex	3A66C5
RGB	58, 102, 197
RGB Percent	23%, 40%, 77%
CMY	0.7726, 0.5999, 0.2277
CMYK	0.71, 0.48, 0.00, 0.23
HSL	221°, 55%, 50%
HSV	221°, 71%, 77%
XYZ	16.5668, 14.4333, 54.6903
YIQ	99.6740, -56.7190, 20.2170

Conversions

Conversions Part 2

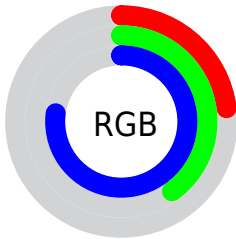
Format	Color
RYB	58, 91, 197
Decimal	3827397
CIELab	44.85, 17.02, -54.07
CIElCh	45, 56.687, 287.475
Yxy	14.4333, 0.1933, 0.1684
Android (android.graphics.Color)	4282017477 (0xFF3A66C5)
YUV	99.6740, 47.9817, -36.5481
Hunter-Lab	37.9912, 11.3535, -58.7571

Details

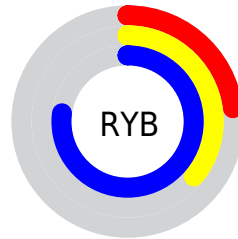
The YIQ color **99.6740, -56.7190, 20.2170** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted azure. A complement of this color would be **155.3260, 56.7190, -20.2170**, and the grayscale version is **99.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **154.3590, -51.2180, 25.1500**, and **49.0600, -60.9820, 14.8740** is the 20% darker color. If you saturate the color by 10%, you get **86.0630, -65.0640, 22.7760**, and if you desaturate by 10%, it is **113.2850, -48.3740, 17.6580**.

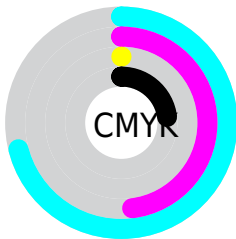
Distribution



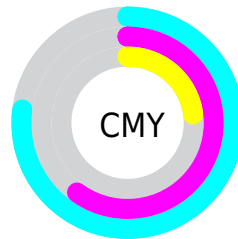
- Red (23%)
- Green (40%)
- Blue (77%)



- Red (23%)
- Yellow (36%)
- Blue (77%)



- Cyan (71%)
- Magenta (48%)
- Yellow (0%)
- Black (23%)



- Cyan (77%)
- Magenta (60%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 99.6740, -56.7190, 20.2170 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 99.6740, -56.7190, 20.2170 by changing the saturation by 10% instead.

■ 99.6740, -56.7190,
20.2170

■ 99.6740, -56.7190,
20.2170

■ 255.0000, -0.0000,
-0.0000

■ 67.1450, -71.5270,
13.2490

■ 154.3590,
-51.2180, 25.1500

■ 49.0600, -60.9820,
14.8740

■ 179.2920,
-41.0840, 17.7000

■ 34.3560, -47.1360,
17.2480

■ 203.8120,
-31.2250, 9.7270

■ 19.7660, -33.6110,
19.9330

■ 229.8050,
-21.3200, 0.9200

■ 11.7470, -23.4320,
17.1760

■ 250.5150, -8.9400,
-3.1800

■ 6.6630, -14.6280,
11.8040

■ 3.0950, -7.3370,

6.3190

■ 0.0000, 0.0000,
0.0000

■ 99.6740, -56.7190,
20.2170

■ 99.6740, -56.7190,
20.2170

■ 86.0630, -65.0640,
22.7760

■ 113.2850,
-48.3740, 17.6580

■ 72.1640, -72.5380,
26.0700

■ 127.1840,
-40.9000, 14.3640

■ 58.8520, -80.2870,
28.8410

■ 140.7950,
-32.5550, 11.8050

■ 154.9930,
-24.4850, 8.7230

■ 168.3050,
-16.7360, 5.9520

■ 182.5030, -8.6660,
2.8700

■ 196.1140, -0.3210,
0.3110

■ 210.3120, 7.7490,
-2.7710

■ 223.6240, 15.4980,
-5.5420

Harmonies

Analogous

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



91.3650, -96.0540, 0.6980



99.6740, -56.7190, 20.2170



108.9120, 7.7410, 41.4450

Triad

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



99.6740, -56.7190, 20.2170



101.1550, 71.5230, 8.8590



83.5380, -61.6140, -39.7740

Complementary

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



99.6740, -56.7190, 20.2170



155.3260, 56.7190, -20.2170

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.



87.9770, -20.6700, -43.9180



99.6740, -56.7190, 20.2170



99.9950, 59.1490, -20.2030

Square

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



99.6740, -56.7190, 20.2170



99.5030, 71.5640, 35.6600



96.2420, 29.9920, -36.9520



90.2980, -77.8930, -25.5810

Rectangle

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



99.6740, -56.7190, 20.2170



105.5860, 38.1380, 46.7300



96.2420, 29.9920, -36.9520



81.1270, -56.2030, -44.2270

Sweetspot

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



99.6740, -56.7190, 20.2170



217.1350, -22.0090, 7.9030



150.1950, -68.0780, -43.7740



105.5180, -13.0220, 4.7220



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.



99.6740, -56.7190, 20.2170



103.2410, -88.6320, 31.4000



80.7230, -30.9110, 48.1050



92.7870, -3.7140, 1.2300



49.1060, -66.6230, 23.4970



10.5610, -14.5810, 5.4430

Inverse Universe

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



104.5770, 68.7200, 43.1520



110.7490, 107.1830, 67.4630



174.2770, 30.9110, -48.1050



93.0330, 4.4010, 2.8410



54.6650, 80.4560, 50.7280



12.0180, 17.9250, 11.0530

Previews

White Background



This preview shows how the YIQ color 99.6740, -56.7190, 20.2170 looks on a white 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

Black Background



This preview shows how the YIQ color 99.6740, -56.7190, 20.2170 looks on a black 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

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

YIQ 99.6740, -56.7190, 20.2170

Background



This preview shows how black text looks on a background with the YIQ color 99.6740, -56.7190, 20.2170.



This preview shows how white text looks on a background with the YIQ color 99.6740, -56.7190,

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

99.6740, -56.7190, 20.2170

Protanopia

98.7770, -58.5070, 19.5810

Deuteranopia

85.0560, -90.6900, 2.6060



Tritanopia

83.0430, -72.6210, -22.0050

Trichromacy



Original Color

99.6740, -56.7190, 20.2170

Protanomaly

99.0760, -57.9110, 19.7930

Deuteranomaly

90.5030, -78.5870, 9.0370

Tritanomaly

89.3510, -67.0760, -6.8520

Monochromacy



Original Color

99.6740, -56.7190, 20.2170

Achromatopsia

100.0000, -0.0000, -0.0000

Achromatomaly

100.0920, -20.4500, 7.1820

CSS Examples

Text

The CSS property to change the color of the text to YIQ 99.6740, -56.7190, 20.2170 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(58, 102, 197)` looks like.

```
.text, #text, p{  
    color:rgb(58, 102, 197)  
}
```

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(58, 102, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 102, 197) }
```

Border

The CSS property to change the border of an element to YIQ 99.6740, -56.7190, 20.2170 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(58, 102, 197) }
```


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

```
.border{ border-color:rgb(58, 102, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 102, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 102, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 102, 197);  
box-shadow:4px 4px 4px 4px rgb(58, 102,  
197) }
```

Background

The CSS property to change the background color of an element to YIQ 99.6740, -56.7190, 20.2170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 102, 197) }
```

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

```
.background{ background-color: rgb(58, 102,  
197) }
```

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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