

Converting Colors

YIQ(145.2390, -7.2020, 20.3980)

Have a look what the booklet for
YIQ(145.2390, -7.2020, 20.3980)
contains.

YIQ(145.2390, -7.2020, 20.3980)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(145.2390, -7.2020,
20.3980)**

Conversions

Conversions Part 1

Format	Color
Hex	9786BC
RGB	151, 134, 188
RGB Percent	59%, 53%, 74%
CMY	0.4078, 0.4745, 0.2628
CMYK	0.20, 0.29, 0.00, 0.26
HSL	259°, 29%, 63%
HSV	259°, 29%, 74%
XYZ	30.3653, 27.2594, 51.2280
YIQ	145.2390, -7.2020, 20.3980

Conversions

Conversions Part 2

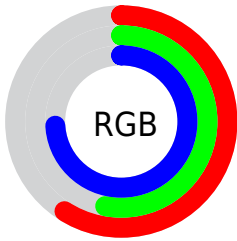
Format	Color
R_{YB}	151, 134, 188
Decimal	9930428
CIE _{Lab}	59.21, 17.61, -25.87
CIE _{LCh}	59, 31.299, 304.241
Yxy	27.2594, 0.2790, 0.2504
Android (android.graphics.Color)	4288120508 (0xFF9786BC)
YUV	145.2390, 21.0812, 5.0524
Hunter-Lab	52.2106, 12.4458, -21.6268

Details

The YIQ color **145.2390, -7.2020, 20.3980** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **176.7610, 7.2020, -20.3980**, and the grayscale version is **145.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **199.1790, -6.9730, 21.7550**, and **94.2990, -7.4310, 19.0410** is the 20% darker color. If you saturate the color by 10%, you get **130.1990, -9.7250, 27.5790**, and if you desaturate by 10%, it is **160.2790, -4.6790, 13.2170**.

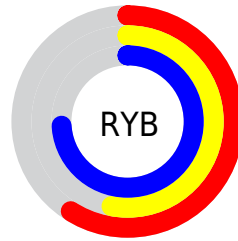
Distribution



Red (59%)

Green (53%)

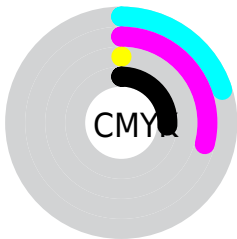
Blue (74%)



Red (59%)

Yellow (53%)

Blue (74%)

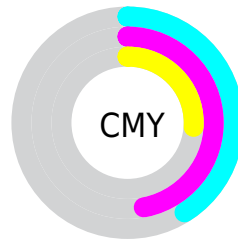


Cyan (20%)

Magenta (29%)

Yellow (0%)

Black (26%)



Cyan (41%)

Magenta (47%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 145.2390, -7.2020, 20.3980 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 145.2390, -7.2020, 20.3980 by changing the saturation by 10% instead.

■ 145.2390, -7.2020,
20.3980

■ 145.2390, -7.2020,
20.3980

■ 255.0000, -0.0000,
-0.0000

■ 119.7120, -7.1560,
19.5640

■ 199.1790, -6.9730,
21.7550

■ 94.2990, -7.4310,
19.0410

■ 225.2410, -1.5160,
16.4680

■ 70.6580, -7.0640,
17.8960

■ 247.9560, 3.3000,
6.2760

■ 47.8320, -7.6140,
16.8500

■ 26.1800, -8.7140,
14.7580

■ 5.9410, -9.5390,
13.1890

■ 2.4110, -5.4110,

4.4530

■ 0.0000, 0.0000,
0.0000

■ 145.2390, -7.2020,
20.3980

■ 145.2390, -7.2020,
20.3980

■ 130.1990, -9.7250,
27.5790

■ 160.2790, -4.6790,
13.2170

■ 115.1590,
-12.2480, 34.7600

■ 175.3190, -2.1560,
6.0360

■ 100.7060,
-15.0460, 41.4180

■ 189.7720, 0.6420,
-0.6220

■ 85.9650, -16.9730,
48.8110

■ 204.8120, 3.1650,
-7.8030

■ 70.9250, -19.4960,
55.9920

■ 219.5530, 5.0920,
-15.1960

■ 55.8850, -22.0190,
63.1730

■ 234.5930, 7.6150,
-22.3770

■ 40.8450, -24.5420,
70.3540

■ 243.1760, 13.1630,
-23.8050

■ 39.0730, -25.1840,
70.9760

■ 247.0630, 20.9110,
-21.0490

■ 247.3620, 21.5070,
-20.8370

Harmonies

Analogous

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



139.8760, -37.2770, 9.2750



145.2390, -7.2020, 20.3980



146.5320, 19.8940, 24.9340

Triad

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



145.2390, -7.2020, 20.3980



142.9060, 41.1270, -1.9530



126.7430, -54.2810, -23.9850

Complementary

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



145.2390, -7.2020, 20.3980



176.7610, 7.2020, -20.3980

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.



132.8420, -23.8830, -24.2270



145.2390, -7.2020, 20.3980



140.2150, 26.5950, -13.9250

Square

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



145.2390, -7.2020, 20.3980



143.6760, 45.2510, 11.4190



137.2660, 4.2220, -21.4580



122.3570, -76.3810, -19.9410

Rectangle

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



145.2390, -7.2020, 20.3980



146.0080, 33.0530, 23.2370



137.2660, 4.2220, -21.4580



128.8920, -44.5150, -24.7630

Sweetspot

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



145.2390, -7.2020, 20.3980



227.6010, -2.8900, 8.3260



162.4620, -27.7840, -3.0800



111.6780, -1.7890, 4.8910



250.0000, 0.0000, 0.0000



122.0000, 0.0000, -0.0000

Same Dimension

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



145.2390, -7.2020, 20.3980



179.2360, -11.1470, 31.3250



153.0130, 8.2940, 25.9100



86.9230, -1.1010, 3.4350



32.9620, -20.9180, 59.7380



6.5240, -3.9910, 11.7610

Inverse Universe

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



154.3640, 20.3070, 22.9550



193.3150, 31.1710, 35.3230



168.9870, -8.2940, -25.9100



88.3750, 3.4380, 3.7740



59.5540, 59.5000, 67.0840



11.6630, 11.7350, 13.1030

Previews

White Background



This preview shows how the YIQ color 145.2390, -7.2020, 20.3980 looks on a white background.

Color Contrast Check

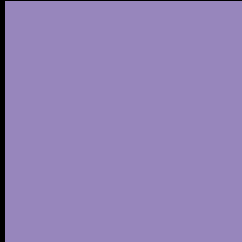
Large Text (above 18pt) WCAG AA ✓ Pass

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 145.2390, -7.2020, 20.3980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

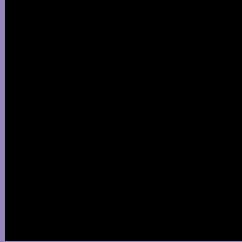
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 145.2390, -7.2020, 20.3980

Background



This preview shows how black text looks on a background with the YIQ color 145.2390, -7.2020, 20.3980.



This preview shows how white text looks on a background with the YIQ color 145.2390, -7.2020,

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

145.2390, -7.2020, 20.3980

Protanopia

143.0410, -24.4400, 13.4160

Deuteranopia

143.2650, -19.2590, 13.1330



Tritanopia

143.4500, -1.1470, 4.2690

Trichromacy



Original Color

145.2390, -7.2020, 20.3980

Protanomaly

143.4440, -18.2050, 16.0590

Deuteranomaly

144.1840, -14.5370, 15.6630

Tritanomaly

143.7690, -3.3030, 10.3050

Monochromacy



Original Color

145.2390, -7.2020, 20.3980

Achromatopsia

145.0000, 0.0000, -0.0000

Achromatomaly

145.0740, -2.8440, 7.4920

CSS Examples

Text

The CSS property to change the color of the text to YIQ 145.2390, -7.2020, 20.3980 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(151, 134, 188)` looks like.

```
.text, #text, p{  
    color:rgb(151, 134, 188)  
}
```

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(151, 134, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 134, 188) }
```

Border

The CSS property to change the border of an element to YIQ 145.2390, -7.2020, 20.3980 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(151, 134, 188) }
```


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

```
.border{ border-color:rgb(151, 134, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 134, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 134, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 134, 188);  
box-shadow:4px 4px 4px 4px rgb(151, 134,  
188) }
```

Background

The CSS property to change the background color of an element to YIQ 145.2390, -7.2020, 20.3980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 134, 188) }
```

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

```
.background{ background-color: rgb(151,  
134, 188) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor