

Converting Colors

YIQ(98.7020, -19.5320, 1.5560)

Have a look what the booklet for
YIQ(98.7020, -19.5320, 1.5560)
contains.

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Color

**YIQ(98.7020, -19.5320,
1.5560)**

Conversions

Conversions Part 1

Format	Color
Hex	51677B
RGB	81, 103, 123
RGB Percent	32%, 40%, 48%
CMY	0.6824, 0.5960, 0.5177
CMYK	0.34, 0.16, 0.00, 0.52
HSL	209°, 21%, 40%
HSV	209°, 34%, 48%
XYZ	11.8173, 12.8807, 20.5945
YIQ	98.7020, -19.5320, 1.5560

Conversions

Conversions Part 2

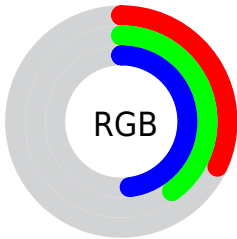
Format	Color
R_{YB}	81, 95, 123
Decimal	5334907
CIE Lab	42.58, -2.96, -13.80
CIE LCh	43, 14.114, 257.897
Yxy	12.8807, 0.2609, 0.2844
Android (android.graphics.Color)	4283524987 (0xFF51677B)
YUV	98.7020, 11.9789, -15.5247
Hunter-Lab	35.8897, -4.0327, -8.8995

Details

The YIQ color **98.7020, -19.5320, 1.5560** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **105.2980, 19.5320, -1.5560**, and the grayscale version is **99.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **149.8160, -19.8530, 1.8670**, and **51.4740, -18.8900, 0.9340** is the 20% darker color. If you saturate the color by 10%, you get **91.5920, -25.0340, 2.1500**, and if you desaturate by 10%, it is **105.8120, -14.0300, 0.9620**.

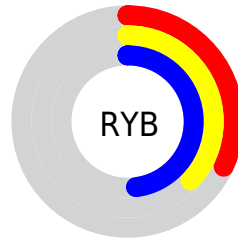
Distribution



Red (32%)

Green (40%)

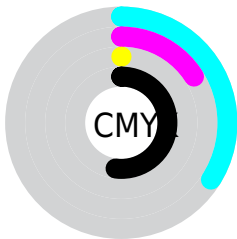
Blue (48%)



Red (32%)

Yellow (37%)

Blue (48%)

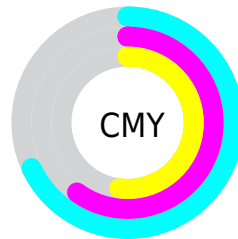


Cyan (34%)

Magenta (16%)

Yellow (0%)

Black (52%)



Cyan (68%)

Magenta (60%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 98.7020, -19.5320, 1.5560 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 98.7020, -19.5320, 1.5560 by changing the saturation by 10% instead.

■ 98.7020, -19.5320,
1.5560

■ 98.7020, -19.5320,
1.5560

■ 255.0000, -0.0000,
-0.0000

■ 74.5880, -19.2110,
1.2450

■ 149.8160,
-19.8530, 1.8670

■ 51.4740, -18.8900,
0.9340

■ 176.6310,
-20.7700, 1.9660

■ 29.1640, -20.9530,
-0.2250

■ 203.7450,
-21.0910, 2.2770

■ 11.1650, -13.5260,
2.8420

■ 231.8760,
-20.0820, 0.5100

■ 0.2280, -0.6420,
0.6220

■ 251.1130, -7.7480,
-2.7560

■ 0.0000, 0.0000,
0.0000

■ 98.7020, -19.5320,
1.5560

■ 98.7020, -19.5320,
1.5560

■ 91.5920, -25.0340,
2.1500

■ 105.8120,
-14.0300, 0.9620

■ 84.1830, -31.1320,
2.5320

■ 113.2210, -7.9320,
0.5800

■ 77.0730, -36.6340,
3.1260

■ 120.3310, -2.4300,
-0.0140

■ 70.5500, -42.4110,
3.1970

■ 126.8540, 3.3470,
-0.0850

■ 63.4400, -47.9130,
3.7910

■ 133.9640, 8.8490,
-0.6790

■ 56.0310, -54.0110,
4.1730

■ 141.3730, 14.9470,
-1.0610

■ 51.5900, -57.0830,
4.7810

■ 148.4830, 20.4490,
-1.6550

■ 155.5930, 25.9510,

-2.2490

■ 163.0020, 32.0490,
-2.6310

Harmonies

Analogous

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



96.4900, -24.9870, -4.2110



98.7020, -19.5320, 1.5560



100.8390, -9.4920, 6.8280

Triad

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



98.7020, -19.5320, 1.5560



102.0950, 19.0260, 7.6180



97.9360, -3.1160, -9.6120

Complementary

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



98.7020, -19.5320, 1.5560



105.2980, 19.5320, -1.5560

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.



99.2640, 7.7040, -7.4640



98.7020, -19.5320, 1.5560



101.8190, 19.6230, 2.3030

Square

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



98.7020, -19.5320, 1.5560



102.8540, 12.5150, 9.9790



100.5040, 15.9560, -2.8280



96.3630, -14.6240, -10.3040

Rectangle

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



98.7020, -19.5320, 1.5560



102.1990, -1.6980, 8.7500



100.5040, 15.9560, -2.8280



98.2030, 0.5060, -9.1740

Sweetspot

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



98.7020, -19.5320, 1.5560



151.5200, -7.3360, 0.7920



107.9340, -17.9700, -15.7460



76.0750, -4.5850, 0.4950



209.0000, 0.0000, 0.0000



82.0000, 0.0000, -0.0000

Same Dimension

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



98.7020, -19.5320, 1.5560



122.4820, -30.5360, 2.7440



86.3750, -13.7570, 12.5390



57.4450, -2.7510, 0.2970



52.9920, -58.2750, 4.3570



106.2120, -117.1920, 9.3360

Inverse Universe

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



96.0660, 17.9700, 15.7460



118.6100, 28.4220, 24.5660



117.6250, 13.7570, -12.5390



57.1360, 2.6130, 2.2050



44.8990, 53.3140, 47.0260



90.3960, 107.8200, 94.4760

Previews

White Background



This preview shows how the YIQ color 98.7020, -19.5320, 1.5560 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 98.7020, -19.5320, 1.5560 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

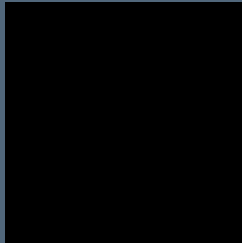
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

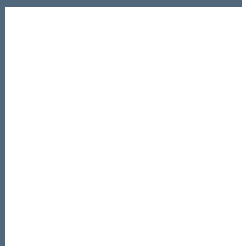
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 98.7020, -19.5320, 1.5560

Background



This preview shows how black text looks on a background with the YIQ color 98.7020, -19.5320, 1.5560.

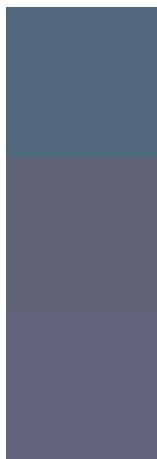


This preview shows how white text looks on a background with the YIQ color 98.7020, -19.5320,

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

98.7020, -19.5320, 1.5560

Protanopia

100.4970, -8.5290, 5.8950

Deuteranopia

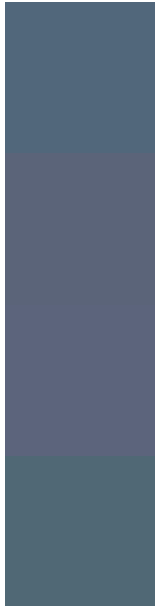
100.9640, -8.3460, 8.0860



Tritanopia

98.1380, -18.0640, -3.0240

Trichromacy



Original Color

98.7020, -19.5320, 1.5560

Protanomaly

99.7030, -12.1050, 4.6230

Deuteranomaly

100.3440, -12.4720, 5.7680

Tritanomaly

98.3060, -18.4770, -1.0450

Monochromacy



Original Color

98.7020, -19.5320, 1.5560

Achromatopsia

99.0000, -0.0000, 0.0000

Achromatomaly

98.5200, -7.3360, 0.7920

CSS Examples

Text

The CSS property to change the color of the text to YIQ 98.7020, -19.5320, 1.5560 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(81, 103, 123)` looks like.

```
.text, #text, p{  
    color:rgb(81, 103, 123)  
}
```

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(81, 103, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 103, 123) }
```

Border

The CSS property to change the border of an element to YIQ 98.7020, -19.5320, 1.5560 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(81, 103, 123) }
```


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

```
.border{ border-color:rgb(81, 103, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 103, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 103, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 103, 123);  
box-shadow:4px 4px 4px 4px rgb(81, 103,  
123) }
```

Background

The CSS property to change the background color of an element to YIQ 98.7020, -19.5320, 1.5560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 103, 123) }
```

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

```
.background{ background-color: rgb(81, 103,  
123) }
```

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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