

Converting Colors

YIQ(95.4570, -20.2200, 3.0120)

Have a look what the booklet for
YIQ(95.4570, -20.2200, 3.0120)
contains.

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Color

**YIQ(95.4570, -20.2200,
3.0120)**

Conversions

Conversions Part 1

Format	Color
Hex	4E637B
RGB	78, 99, 123
RGB Percent	31%, 39%, 48%
CMY	0.6941, 0.6117, 0.5177
CMYK	0.37, 0.19, 0.00, 0.52
HSL	212°, 22%, 39%
HSV	212°, 37%, 48%
XYZ	11.1774, 11.9741, 20.4527
YIQ	95.4570, -20.2200, 3.0120

Conversions

Conversions Part 2

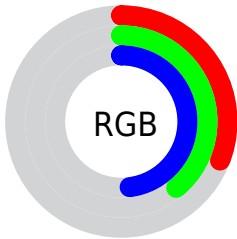
Format	Color
R_{YB}	78, 92, 123
Decimal	5137275
CIE _{Lab}	41.17, -1.48, -15.96
CIE _{LCh}	41, 16.032, 264.708
Yxy	11.9741, 0.2563, 0.2746
Android (android.graphics.Color)	4283327355 (0xFF4E637B)
YUV	95.4570, 13.5787, -15.3098
Hunter-Lab	34.6036, -2.8986, -10.8213

Details

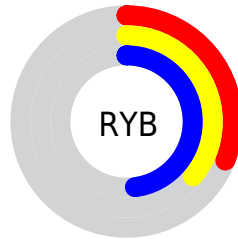
The YIQ color $95.4570, -20.2200, 3.0120$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $105.5430, 20.2200, -3.0120$, and the grayscale version is $95.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $146.6850, -20.8620, 3.6340$, and $48.5170, -20.4490, 1.6550$ is the 20% darker color. If you saturate the color by 10%, you get $87.7600, -25.4470, 4.1290$, and if you desaturate by 10%, it is $103.1540, -14.9930, 1.8950$.

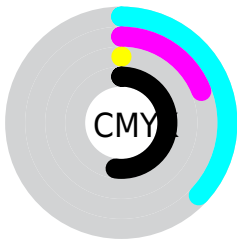
Distribution



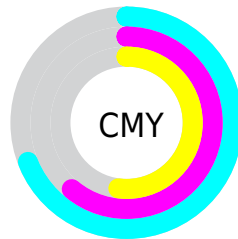
- Red (31%)
- Green (39%)
- Blue (48%)



- Red (31%)
- Yellow (36%)
- Blue (48%)



- Cyan (37%)
- Magenta (19%)
- Yellow (0%)
- Black (52%)



- Cyan (69%)
- Magenta (61%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 95.4570, -20.2200, 3.0120 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 95.4570, -20.2200, 3.0120 by changing the saturation by 10% instead.

■ 95.4570, -20.2200,
3.0120

■ 95.4570, -20.2200,
3.0120

■ 255.0000, -0.0000,
-0.0000

■ 71.3430, -19.8990,
2.7010

■ 146.6850,
-20.8620, 3.6340

■ 48.5170, -20.4490,
1.6550

■ 172.7990,
-21.1830, 3.9450

■ 26.0930, -22.1910,
0.1850

■ 200.5000,
-21.7790, 3.7330

■ 7.6430, -11.8760,
5.9800

■ 228.0440,
-20.4950, 2.4890

■ 0.2280, -0.6420,
0.6220

■ 250.2160, -9.5360,
-3.3920

■ 0.0000, 0.0000,
0.0000

■ 95.4570, -20.2200,
3.0120

■ 95.4570, -20.2200,
3.0120

■ 87.7600, -25.4470,
4.1290

■ 103.1540,
-14.9930, 1.8950

■ 80.3510, -31.5450,
4.5110

■ 110.5630, -8.8950,
1.5130

■ 72.6540, -36.7720,
5.6280

■ 118.2600, -3.6680,
0.3960

■ 65.5440, -42.2740,
6.2220

■ 125.3700, 1.8340,
-0.1980

■ 57.8470, -47.5010,
7.3390

■ 133.0670, 7.0610,
-1.3150

■ 50.4380, -53.5990,
7.7210

■ 140.4760, 13.1590,
-1.6970

■ 47.4810, -55.1580,
8.4420

■ 148.1730, 18.3860,
-2.8140

■ 155.2830, 23.8880,

-3.4080

■ 163.2790, 29.7110,
-4.3130

Harmonies

Analogous

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



92.1630, -28.3800, -3.2920



95.4570, -20.2200, 3.0120



98.2630, -7.7500, 8.2980

Triad

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



95.4570, -20.2200, 3.0120



98.6500, 21.7770, 7.3210



93.7290, -6.9670, -11.4070

Complementary

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



95.4570, -20.2200, 3.0120



105.5430, 20.2200, -3.0120

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.



95.4270, 5.6870, -9.4570



95.4570, -20.2200, 3.0120



97.6620, 21.5030, 1.2710

Square

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



95.4570, -20.2200, 3.0120



99.5340, 16.4120, 10.9400



96.4500, 16.0480, -4.4960



91.7970, -18.8420, -10.9540

Rectangle

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



95.4570, -20.2200, 3.0120



99.2210, 1.2360, 10.6440



96.4500, 16.0480, -4.4960



94.1810, -2.4280, -11.0680

Sweetspot

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



95.4570, -20.2200, 3.0120



149.7480, -7.9780, 1.4140



107.0370, -19.7580, -16.3820



75.1890, -4.9060, 0.8060



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.



95.4570, -20.2200, 3.0120



117.4650, -31.8660, 4.8220



83.4290, -13.8490, 14.2070



57.4450, -2.7510, 0.2970



48.2960, -56.0750, 8.5410



97.9940, -113.3420, 16.6580

Inverse Universe

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



93.8490, 20.0790, 16.0710



114.9910, 31.7230, 25.3150



117.5710, 13.8490, -14.2070



57.1360, 2.6130, 2.2050



43.9870, 55.8820, 44.5380



88.8000, 112.3140, 90.1220

Previews

White Background



This preview shows how the YIQ color 95.4570, -20.2200, 3.0120 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 95.4570, -20.2200, 3.0120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

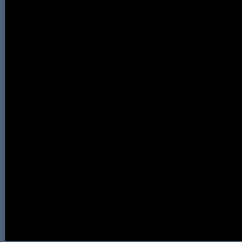
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

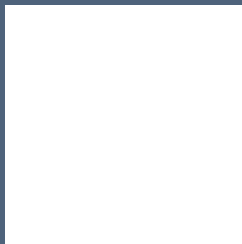
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 95.4570, -20.2200, 3.0120

Background



This preview shows how black text looks on a background with the YIQ color 95.4570, -20.2200, 3.0120.

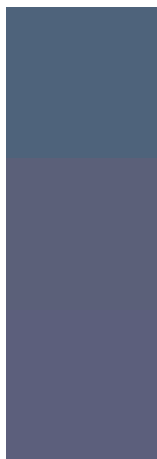


This preview shows how white text looks on a background with the YIQ color 95.4570, -20.2200,

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

95.4570, -20.2200, 3.0120

Protanopia

97.3550, -11.0050, 6.7150

Deuteranopia

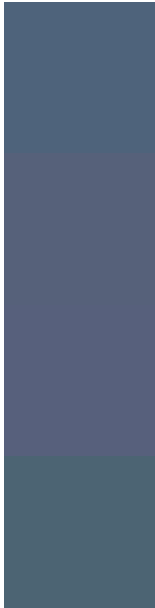
97.4090, -11.0970, 8.3830



Tritanopia

94.2520, -18.3850, -2.7130

Trichromacy



Original Color

95.4570, -20.2200, 3.0120

Protanomaly

96.5610, -14.5810, 5.4430

Deuteranomaly

96.5010, -14.3520, 6.8000

Tritanomaly

94.5340, -19.1190, -0.4230

Monochromacy



Original Color

95.4570, -20.2200, 3.0120

Achromatopsia

95.0000, -0.0000, -0.0000

Achromatomaly

94.9330, -7.0610, 1.3150

CSS Examples

Text

The CSS property to change the color of the text to YIQ 95.4570, -20.2200, 3.0120 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(78, 99, 123)` looks like.

```
.text, #text, p{  
    color:rgb(78, 99, 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(78, 99, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 99, 123) }
```

Border

The CSS property to change the border of an element to YIQ 95.4570, -20.2200, 3.0120 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(78, 99, 123) }
```


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

```
.border{ border-color:rgb(78, 99, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 99, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 99, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 99, 123);  
box-shadow:4px 4px 4px 4px rgb(78, 99,  
123) }
```

Background

The CSS property to change the background color of an element to YIQ 95.4570, -20.2200, 3.0120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 99, 123) }
```

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

```
.background{ background-color: rgb(78, 99,  
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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