

Converting Colors

YIQ(114.7590, 20.9930, 32.5530)

Have a look what the booklet for
YIQ(114.7590, 20.9930, 32.5530)
contains.

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Color

**YIQ(114.7590, 20.9930,
32.5530)**

Conversions

Conversions Part 1

Format	Color
Hex	9B5893
RGB	155, 88, 147
RGB Percent	61%, 35%, 58%
CMY	0.3920, 0.6550, 0.4235
CMYK	0.00, 0.43, 0.05, 0.39
HSL	307°, 28%, 48%
HSV	307°, 43%, 61%
XYZ	22.2818, 16.0552, 29.5323
YIQ	114.7590, 20.9930, 32.5530

Conversions

Conversions Part 2

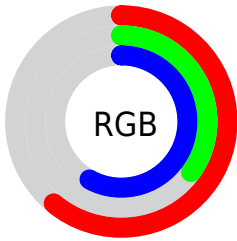
Format	Color
R _Y B	155, 88, 147
Decimal	10180755
CIE Lab	47.05, 36.55, -20.76
CIE LCh	47, 42.031, 330.401
Yxy	16.0552, 0.3283, 0.2366
Android (android.graphics.Color)	4288370835 (0xFF9B5893)
YUV	114.7590, 15.8948, 35.2914
Hunter-Lab	40.0690, 29.1406, -15.6506

Details

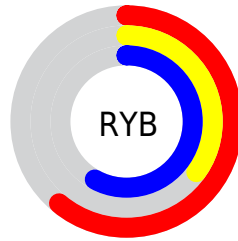
The YIQ color **114.7590, 20.9930, 32.5530** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **128.2410, -20.9930, -32.5530**, and the grayscale version is **115.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **168.1830, 22.7350, 34.0230**, and **64.3350, 19.2510, 31.0830** is the 20% darker color. If you saturate the color by 10%, you get **105.1390, 26.0350, 40.2990**, and if you desaturate by 10%, it is **123.7920, 16.2260, 25.3300**.

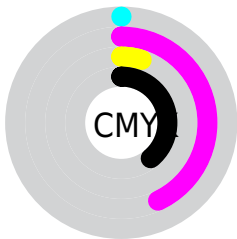
Distribution



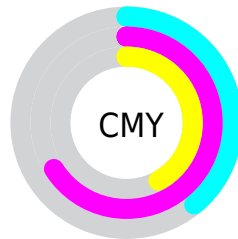
- Red (61%)
- Green (35%)
- Blue (58%)



- Red (61%)
- Yellow (35%)
- Blue (58%)



- Cyan (0%)
- Magenta (43%)
- Yellow (5%)
- Black (39%)



- Cyan (39%)
- Magenta (66%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 114.7590, 20.9930, 32.5530 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 114.7590, 20.9930, 32.5530 by changing the saturation by 10% instead.

114.7590, 20.9930,
32.5530

114.7590, 20.9930,
32.5530

255.0000, -0.0000,
-0.0000

89.0470, 20.1220,
31.8180

168.1830, 22.7350,
34.0230

64.3350, 19.2510,
31.0830

195.8950, 23.6060,
34.7580

38.2750, 19.4800,
32.4400

219.1930, 16.7750,
31.9030

21.2480, 14.9420,
26.5740

235.6290, 9.0750,
17.2590

12.5750, 9.1670,
15.5910

252.6520, 1.1000,
2.0920

0.0000, 0.0000,
0.0000

■ 114.7590, 20.9930,
32.5530

■ 114.7590, 20.9930,
32.5530

■ 105.1390, 26.0350,
40.2990

■ 123.7920, 16.2260,
25.3300

■ 96.1060, 30.8020,
47.5220

■ 133.4120, 11.1840,
17.5840

■ 86.4860, 35.8440,
55.2680

■ 142.4450, 6.4170,
10.3610

■ 77.5670, 40.2900,
62.8020

■ 151.9510, 1.6960,
2.3040

■ 67.9470, 45.3320,
70.5480

■ 161.5710, -3.3460,
-5.4420


■ 61.8490, 48.7240,
75.1560

■ 170.6040, -8.1130,
-12.6650

■ 180.2240,
-13.1550, -20.4110

■ 189.2570,

-17.9220, -27.6340

 198.8770,
-22.9640, -35.3800

Harmonies

Analogous

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



113.3830, -16.2350, 24.4130



114.7590, 20.9930, 32.5530



112.1670, 46.0270, 30.4030

Triad

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



114.7590, 20.9930, 32.5530



107.9570, 35.9490, -18.2510



91.7800, -82.0660, -21.5380

Complementary

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



114.7590, 20.9930, 32.5530



128.2410, -20.9930, -32.5530

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.



88.3770, -71.1060, -32.9460



114.7590, 20.9930, 32.5530



104.2030, 8.5330, -28.0030

Square

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



114.7590, 20.9930, 32.5530



110.1800, 52.0390, -1.4730



96.2660, -31.3090, -32.8210



92.3960, -89.3120, -11.3600

Rectangle

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



114.7590, 20.9930, 32.5530



111.2030, 54.3730, 22.3170



96.2660, -31.3090, -32.8210



91.1130, -78.8100, -25.4820

Sweetspot

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



114.7590, 20.9930, 32.5530



185.3960, 8.1130, 12.6650



98.0300, -16.7390, 22.5330



92.3800, 5.0420, 7.7460



230.0000, -0.0000, 0.0000



102.0000, -0.0000, -0.0000

Same Dimension

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



114.7590, 20.9930, 32.5530



138.5840, 32.4520, 50.6600



110.9970, 31.5860, 22.2900



72.1900, 2.5210, 3.8730



55.8820, 43.9570, 67.9330



5.1410, 4.2170, 6.1770

Inverse Universe

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



114.7590, 20.9930, 32.5530



138.5840, 32.4520, 50.6600



132.0030, -31.5860, -22.2900



72.1900, 2.5210, 3.8730



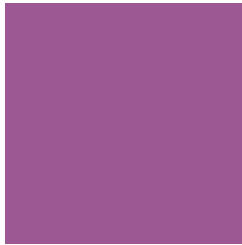
55.8820, 43.9570, 67.9330



5.1410, 4.2170, 6.1770

Previews

White Background



This preview shows how the YIQ color 114.7590, 20.9930, 32.5530 looks on a white background.

Color Contrast Check

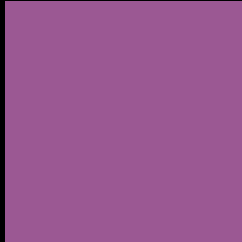
Large Text (above 18pt) WCAG AA ✓ Pass

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 114.7590, 20.9930, 32.5530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

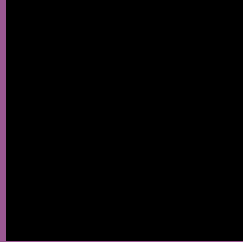
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 114.7590, 20.9930, 32.5530

Background



This preview shows how black text looks on a background with the YIQ color 114.7590, 20.9930, 32.5530.



This preview shows how white text looks on a background with the YIQ color 114.7590, 20.9930,

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

114.7590, 20.9930, 32.5530

Protanopia

111.3720, -26.8700, 13.4020

Deuteranopia

112.5660, -12.9770, 9.4150



Tritanopia

113.6450, 29.3410, 13.4130

Trichromacy



Original Color

114.7590, 20.9930, 32.5530

Protanomaly

112.5700, -9.6320, 20.3840

Deuteranomaly

113.3660, -0.3700, 17.7260

Tritanomaly

114.3060, 26.2220, 20.3820

Monochromacy



Original Color

114.7590, 20.9930, 32.5530

Achromatopsia

115.0000, -0.0000, 0.0000

Achromatomaly

114.9830, 7.8380, 12.1420

CSS Examples

Text

The CSS property to change the color of the text to YIQ 114.7590, 20.9930, 32.5530 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(155, 88, 147)` looks like.

```
.text, #text, p{  
    color:rgb(155, 88, 147)  
}
```

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(155, 88, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 88, 147) }
```

Border

The CSS property to change the border of an element to YIQ 114.7590, 20.9930, 32.5530 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(155, 88, 147) }
```


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

```
.border{ border-color:rgb(155, 88, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 88, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 88, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 88, 147);  
box-shadow:4px 4px 4px 4px rgb(155, 88,  
147) }
```

Background

The CSS property to change the background color of an element to YIQ 114.7590, 20.9930, 32.5530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 88, 147) }
```

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

```
.background{ background-color: rgb(155, 88,  
147) }
```

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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