

Converting Colors

YIQ(97.9900, 113.6940, 65.1020)

Have a look what the booklet for
YIQ(97.9900, 113.6940, 65.1020)
contains.

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Color

**YIQ(97.9900, 113.6940,
65.1020)**

Conversions

Conversions Part 1

Format	Color
Hex	F71953
RGB	247, 25, 83
RGB Percent	97%, 10%, 33%
CMY	0.0308, 0.9022, 0.6741
CMYK	0.00, 0.90, 0.66, 0.03
HSL	344°, 93%, 53%
HSV	344°, 90%, 97%
XYZ	40.3195, 21.1178, 10.1557
YIQ	97.9900, 113.6940, 65.1020

Conversions

Conversions Part 2

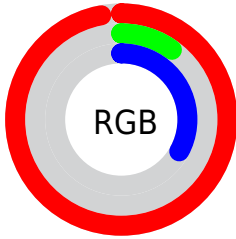
Format	Color
R_{YB}	247, 25, 83
Decimal	16193875
CIE _{Lab}	53.08, 77.94, 28.40
CIE _{LCh}	53, 82.952, 20.021
Yxy	21.1178, 0.5632, 0.2950
Android (android.graphics.Color)	4294383955 (0xFFFF71953)
YUV	97.9900, -7.3901, 130.6818
Hunter-Lab	45.9541, 76.1941, 19.0650

Details

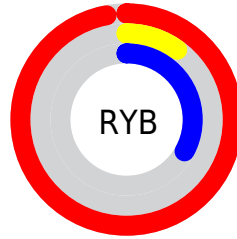
The YIQ color **97.9900, 113.6940, 65.1020** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed red. A complement of this color would be **174.0100, -113.6940, -65.1020**, and the grayscale version is **98.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **151.7540, 81.2830, 41.2430**, and **58.8640, 95.9530, 50.7130** is the 20% darker color. If you saturate the color by 10%, you get **81.2630, 126.3470, 72.5790**, and if you desaturate by 10%, it is **114.7170, 101.0410, 57.6250**.

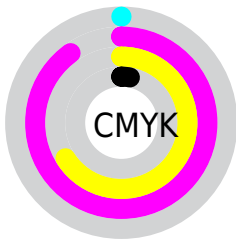
Distribution



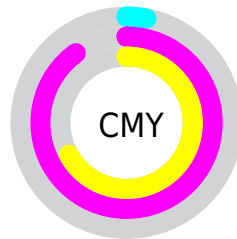
- Red (97%)
- Green (10%)
- Blue (33%)



- Red (97%)
- Yellow (10%)
- Blue (33%)



- Cyan (0%)
- Magenta (90%)
- Yellow (66%)
- Black (3%)





- Cyan (3%)
- Magenta (90%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 97.9900, 113.6940, 65.1020 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 97.9900, 113.6940, 65.1020 by changing the saturation by 10% instead.


 97.9900, 113.6940,
65.1020


 97.9900, 113.6940,
65.1020


255.0000, -0.0000,
-0.0000


 71.1250, 108.8800,
64.2400


 151.7540, 81.2830,
41.2430


 58.8640, 95.9530,
50.7130


 172.3280, 64.6870,
33.6390


 47.1300, 82.9800,
38.0200


 193.6030, 47.4950,
25.8230

 35.3960, 70.0070,
25.3270

 214.4050, 30.2570,
18.8410

 26.3550, 50.8890,
19.3770

 235.2070, 13.0190,
11.8590

 16.9720, 32.7340,
12.4940

 3.8870, 7.7480,

2.7560

■ 0.0000, 0.0000,
0.0000

■ 97.9900, 113.6940,
65.1020

■ 97.9900, 113.6940,
65.1020

■ 81.2630, 126.3470,
72.5790

■ 114.7170,
101.0410, 57.6250

■ 130.9710, 88.3420,
50.9820

■ 147.6980, 75.6890,
43.5050

■ 164.4250, 63.0360,
36.0280

■ 181.1520, 50.3830,
28.5510

■ 197.4060, 37.6840,
21.9080

■ 214.1330, 25.0310,
14.4310

■ 230.8600, 12.3780,
6.9540

■ 247.0000, -0.0000,
-0.0000

Harmonies

Analogous

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



100.7570, 87.5100, 88.1020



97.9900, 113.6940, 65.1020



112.7510, 110.5870, 5.7470

Triad

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



97.9900, 113.6940, 65.1020



89.3040, -44.7810, -75.0290



113.0110, -121.1800, 4.5160

Complementary

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



97.9900, 113.6940, 65.1020



174.0100, -113.6940, -65.1020

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.



117.3020, -118.1060, -7.1460



97.9900, 113.6940, 65.1020



102.3850, -74.7250, -49.9650

Square

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



97.9900, 113.6940, 65.1020



113.5970, 27.0140, -49.0660



111.9950, -99.0290, -27.9970



106.9960, -98.4880, 22.7920

Rectangle

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



97.9900, 113.6940, 65.1020



119.0430, 85.5570, -14.2110



111.9950, -99.0290, -27.9970



115.9460, -122.5550, 1.9010

Sweetspot

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



97.9900, 113.6940, 65.1020



208.6830, 35.3460, 20.2260



99.0450, 25.8860, 103.5980



100.3990, 21.2260, 11.8020



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.



97.9900, 113.6940, 65.1020



83.8830, 130.4730, 74.8970



121.9020, 118.0120, 19.8680



113.9300, 6.1890, 3.4770



61.2000, 95.1270, 54.6710



19.3510, 30.3490, 17.1730

Inverse Universe

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



97.9900, 113.6940, 65.1020



83.8830, 130.4730, 74.8970



150.0980, -118.0120, -19.8680



113.9300, 6.1890, 3.4770



61.2000, 95.1270, 54.6710



19.3510, 30.3490, 17.1730

Previews

White Background



This preview shows how the YIQ color 97.9900, 113.6940, 65.1020 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 97.9900, 113.6940, 65.1020 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 97.9900, 113.6940, 65.1020

Background



This preview shows how black text looks on a background with the YIQ color 97.9900, 113.6940, 65.1020.

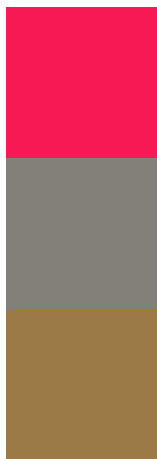


This preview shows how white text looks on a background with the YIQ color 97.9900, 113.6940,

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

97.9900, 113.6940, 65.1020

Protanopia

127.5120, 4.3100, -1.0180

Deuteranopia

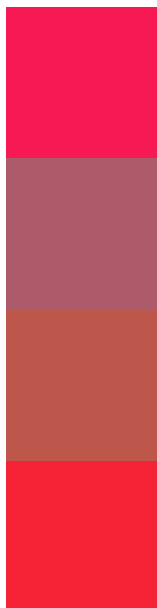
126.1670, 35.7180, -8.5540



Tritanopia

101.2520, 123.7390, 42.7390

Trichromacy



Original Color

97.9900, 113.6940, 65.1020

Protanomaly

116.7550, 44.0110, 22.8830

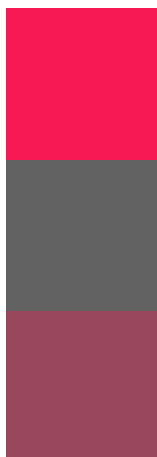
Deuteranomaly

116.2440, 64.3230, 18.2030

Tritanomaly

100.2550, 119.6570, 50.6410

Monochromacy



Original Color

97.9900, 113.6940, 65.1020

Achromatopsia

98.0000, -0.0000, -0.0000

Achromatomaly

97.7270, 41.2140, 24.0140

CSS Examples

Text

The CSS property to change the color of the text to YIQ 97.9900, 113.6940, 65.1020 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(247, 25, 83)` looks like.

```
.text, #text, p{  
    color:rgb(247, 25, 83)  
}
```

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(247, 25, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 25, 83) }
```

Border

The CSS property to change the border of an element to YIQ 97.9900, 113.6940, 65.1020 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(247, 25, 83) }
```


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

```
.border{ border-color:rgb(247, 25, 83) }
```

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

Here you see how a box with a 4 pixel rgb(247, 25, 83) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 25, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 25, 83);  
box-shadow:4px 4px 4px 4px rgb(247, 25,  
83) }
```

Background

The CSS property to change the background color of an element to YIQ 97.9900, 113.6940, 65.1020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 25, 83) }
```

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

```
.background{ background-color: rgb(247, 25,  
83) }
```

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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