

Converting Colors

YIQ(73.9340, 18.7020, 24.5100)

Have a look what the booklet for
YIQ(73.9340, 18.7020, 24.5100)
contains.

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Color

**YIQ(73.9340, 18.7020,
24.5100)**

Conversions

Conversions Part 1

Format	Color
Hex	6B355F
RGB	107, 53, 95
RGB Percent	42%, 21%, 37%
CMY	0.5802, 0.7922, 0.6274
CMYK	0.00, 0.51, 0.11, 0.58
HSL	313°, 34%, 31%
HSV	313°, 51%, 42%
XYZ	9.4063, 6.4988, 11.5876
YIQ	73.9340, 18.7020, 24.5100

Conversions

Conversions Part 2

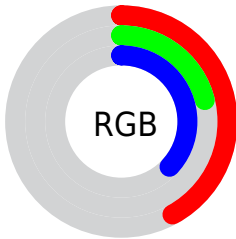
Format	Color
R_{YB}	107, 53, 95
Decimal	7026015
CIE _{Lab}	30.64, 30.25, -14.37
CIE _{LCh}	31, 33.490, 334.594
Yxy	6.4988, 0.3421, 0.2364
Android (android.graphics.Color)	4285216095 (0xFF6B355F)
YUV	73.9340, 10.3855, 28.9989
Hunter-Lab	25.4928, 21.2502, -9.1051

Details

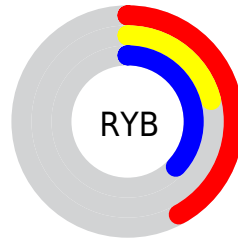
The YIQ color **73.9340, 18.7020, 24.5100** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **86.0660, -18.7020, -24.5100**, and the grayscale version is **74.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **124.3580, 20.4440, 25.9800**, and **25.8630, 17.4640, 24.9200** is the 20% darker color. If you saturate the color by 10%, you get **67.2490, 22.3690, 29.6410**, and if you desaturate by 10%, it is **80.6190, 15.0350, 19.3790**.

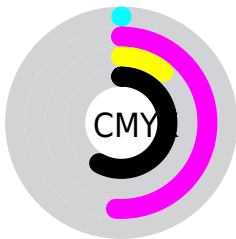
Distribution



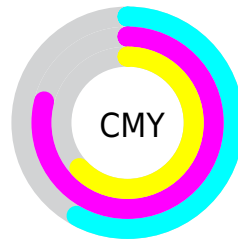
- Red (42%)
- Green (21%)
- Blue (37%)



- Red (42%)
- Yellow (21%)
- Blue (37%)



- Cyan (0%)
- Magenta (51%)
- Yellow (11%)
- Black (58%)



- Cyan (58%)
- Magenta (79%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 73.9340, 18.7020, 24.5100 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 73.9340, 18.7020, 24.5100 by changing the saturation by 10% instead.

73.9340, 18.7020,
24.5100

73.9340, 18.7020,
24.5100

255.0000, -0.0000,
-0.0000

50.2220, 17.8310,
23.7750

124.3580, 20.4440,
25.9800

25.8630, 17.4640,
24.9200

150.0700, 21.3150,
26.7150

14.5540, 13.6600,
16.7640

177.4830, 21.5900,
27.2380

0.0000, 0.0000,
0.0000

205.1950, 22.4610,
27.9730

227.9980, 12.6500,
24.0580

244.4340, 4.9500,

9.4140

■ 73.9340, 18.7020,
24.5100

■ 73.9340, 18.7020,
24.5100

■ 67.2490, 22.3690,
29.6410

■ 80.6190, 15.0350,
19.3790

■ 61.0370, 26.0820,
33.9380

■ 86.8310, 11.3220,
15.0820

■ 54.3520, 29.7490,
39.0690

■ 93.5160, 7.6550,
9.9510

■ 47.5530, 33.7370,
43.8890

■ 100.3150, 3.6670,
5.1310

■ 41.4550, 37.1290,
48.4970

■ 107.0000, -0.0000,
0.0000

■ 113.0980, -3.3920,
-4.6080

■ 119.8970, -7.3800,
-9.4280

■ 126.5820,
-11.0470, -14.5590

■ 132.6800,
-14.4390, -19.1670

Harmonies

Analogous

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



74.0000, -8.0270, 18.8290



73.9340, 18.7020, 24.5100



71.6230, 35.5750, 21.5830

Triad

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



73.9340, 18.7020, 24.5100



68.6060, 23.9360, -15.2960



60.8220, -55.5210, -12.5210

Complementary

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



73.9340, 18.7020, 24.5100



86.0660, -18.7020, -24.5100

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.



58.4450, -47.4500, -21.1300



73.9340, 18.7020, 24.5100



65.7820, 2.7090, -21.5710

Square

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



73.9340, 18.7020, 24.5100



70.8130, 36.9550, -3.4370



57.5960, -31.9980, -25.8380



61.1130, -60.4740, -5.3540

Rectangle

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



73.9340, 18.7020, 24.5100



70.8590, 40.4820, 15.2500



57.5960, -31.9980, -25.8380



60.4970, -53.2280, -15.5320

Sweetspot

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



73.9340, 18.7020, 24.5100



127.2170, 7.0590, 9.7390



62.7440, -10.1820, 19.3380



63.7280, 3.9420, 5.6540



199.0000, -0.0000, 0.0000



71.0000, -0.0000, -0.0000

Same Dimension

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



73.9340, 18.7020, 24.5100



87.9390, 29.4740, 38.5460



70.8560, 27.3690, 16.1130



50.2500, 2.2920, 2.5160



45.3570, 40.5210, 53.1050



94.9150, 85.0300, 111.0300

Inverse Universe

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



73.9340, 18.7020, 24.5100



87.9390, 29.4740, 38.5460



89.1440, -27.3690, -16.1130



50.2500, 2.2920, 2.5160



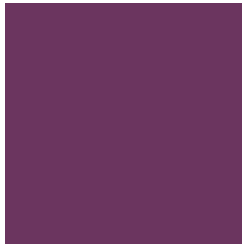
45.3570, 40.5210, 53.1050



94.9150, 85.0300, 111.0300

Previews

White Background



This preview shows how the YIQ color 73.9340, 18.7020, 24.5100 looks on a white background.

Color Contrast Check

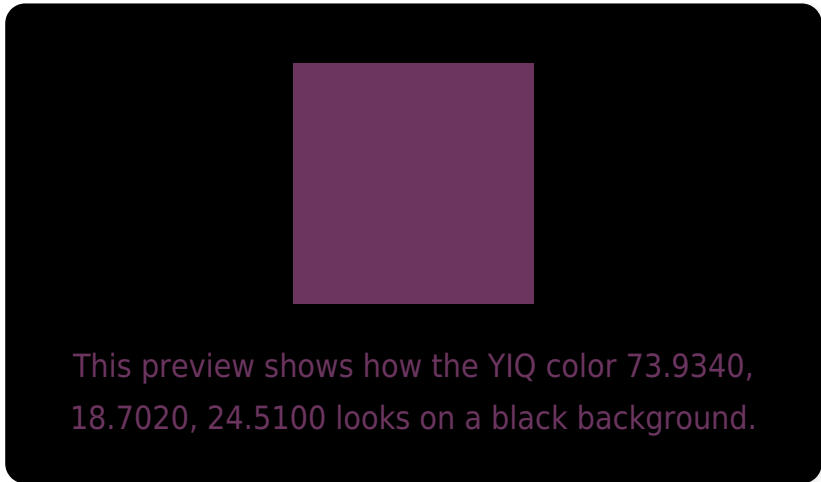
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

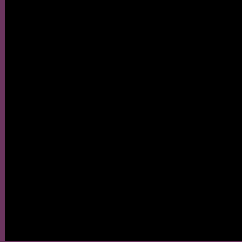
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 73.9340, 18.7020, 24.5100

Background



This preview shows how black text looks on a background with the YIQ color 73.9340, 18.7020, 24.5100.



This preview shows how white text looks on a background with the YIQ color 73.9340, 18.7020,

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

73.9340, 18.7020, 24.5100

Protanopia

72.6300, -19.0290, 8.9630

Deuteranopia

73.0950, -7.3370, 6.3190



Tritanopia

73.6120, 24.9400, 10.5720

Trichromacy



Original Color

73.9340, 18.7020, 24.5100

Protanomaly

73.0340, -5.3670, 14.6730

Deuteranomaly

72.9870, 2.0150, 13.0470

Tritanomaly

73.4040, 22.8300, 15.7740

Monochromacy



Original Color

73.9340, 18.7020, 24.5100

Achromatopsia

74.0000, -0.0000, 0.0000

Achromatomaly

73.8040, 6.7840, 9.2160

CSS Examples

Text

The CSS property to change the color of the text to YIQ 73.9340, 18.7020, 24.5100 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(107, 53, 95)` looks like.

```
.text, #text, p{  
    color:rgb(107, 53, 95)  
}
```

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(107, 53, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 53, 95) }
```

Border

The CSS property to change the border of an element to YIQ 73.9340, 18.7020, 24.5100 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(107, 53, 95) }
```


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

```
.border{ border-color:rgb(107, 53, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 53, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 53, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 53, 95);  
box-shadow:4px 4px 4px 4px rgb(107, 53,  
95) }
```

Background

The CSS property to change the background color of an element to YIQ 73.9340, 18.7020, 24.5100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 53, 95) }
```

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

```
.background{ background-color: rgb(107, 53,  
95) }
```

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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