

Converting Colors

YIQ(84.7520, 21.7300, 13.6820)

Have a look what the booklet for
YIQ(84.7520, 21.7300, 13.6820)
contains.

YIQ(84.7520, 21.7300, 13.6820)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(84.7520, 21.7300,
13.6820)**

Conversions

Conversions Part 1

Format	Color
Hex	724654
RGB	114, 70, 84
RGB Percent	45%, 27%, 33%
CMY	0.5528, 0.7256, 0.6705
CMYK	0.00, 0.39, 0.26, 0.55
HSL	341°, 24%, 36%
HSV	341°, 39%, 45%
XYZ	10.7332, 8.5978, 9.4853
YIQ	84.7520, 21.7300, 13.6820

Conversions

Conversions Part 2

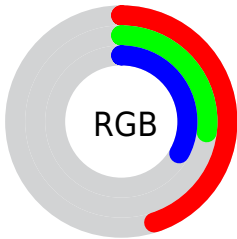
Format	Color
R_{YB}	114, 70, 84
Decimal	7489108
CIE Lab	35.20, 20.99, -0.39
CIE LCh	35, 20.998, 358.943
Yxy	8.5978, 0.3725, 0.2984
Android (android.graphics.Color)	4285679188 (0xFF724654)
YUV	84.7520, -0.3707, 25.6505
Hunter-Lab	29.3219, 14.0259, 1.3458

Details

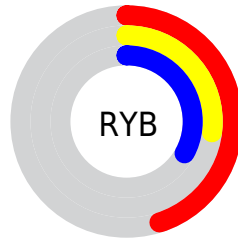
The YIQ color **84.7520, 21.7300, 13.6820** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **99.2480, -21.7300, -13.6820**, and the grayscale version is **85.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **134.9480, 24.1140, 14.5300**, and **38.2570, 18.7500, 12.6220** is the 20% darker color. If you saturate the color by 10%, you get **77.3830, 27.3230, 16.9470**, and if you desaturate by 10%, it is **92.1210, 16.1370, 10.4170**.

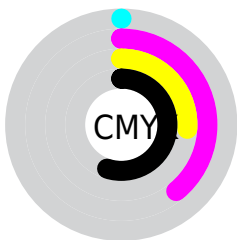
Distribution



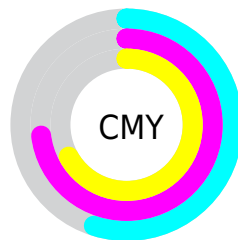
- Red (45%)
- Green (27%)
- Blue (33%)



- Red (45%)
- Yellow (27%)
- Blue (33%)



- Cyan (0%)
- Magenta (39%)
- Yellow (26%)
- Black (55%)



- Cyan (55%)
- Magenta (73%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 84.7520, 21.7300, 13.6820 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 84.7520, 21.7300, 13.6820 by changing the saturation by 10% instead.

■ 84.7520, 21.7300,
13.6820

■ 84.7520, 21.7300,
13.6820

■ 255.0000, -0.0000,
-0.0000

■ 61.1540, 20.5380,
13.2580

■ 134.9480, 24.1140,
14.5300

■ 38.2570, 18.7500,
12.6220

■ 161.6600, 24.9850,
15.2650

■ 15.8980, 18.3830,
13.7670

■ 188.9590, 25.5810,
15.4770

■ 0.2990, 0.5960,
0.2120

■ 216.5570, 26.7730,
15.9010

■ 0.0000, 0.0000,
0.0000

■ 237.1960, 11.5520,
10.9120

84.7520, 21.7300,
13.6820

84.7520, 21.7300,
13.6820

77.3830, 27.3230,
16.9470

92.1210, 16.1370,
10.4170

69.4270, 33.1910,
20.7350

100.0770, 10.2690,
6.6290

62.1720, 38.4630,
24.3110

107.3320, 4.9970,
3.0530

54.2160, 44.3310,
28.0990

115.2880, -0.8710,
-0.7350

46.8470, 49.9240,
31.3640

122.6570, -6.4640,
-4.0000

39.4780, 55.5170,
34.6290


130.0260,
-12.0570, -7.2650

38.1900, 56.3880,
35.3640

137.8680,
-17.6040, -11.3640

145.2370,

-23.1970, -14.6290

 153.1930,
-29.0650, -18.4170

Harmonies

Analogous

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



85.0480, 9.2130, 14.7570



84.7520, 21.7300, 13.6820



83.7000, 27.5080, 8.0840

Triad

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



84.7520, 21.7300, 13.6820



80.1340, 4.9540, -12.6940



74.4650, -41.0340, -5.2420

Complementary

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



84.7520, 21.7300, 13.6820



99.2480, -21.7300, -13.6820

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.



70.5690, -44.5630, -12.8750



84.7520, 21.7300, 13.6820



77.2830, -11.6430, -14.7710

Square

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



84.7520, 21.7300, 13.6820



82.1250, 18.3410, -7.5070



74.1160, -30.1660, -14.9820



80.4610, -26.0430, 3.9170

Rectangle

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



84.7520, 21.7300, 13.6820



83.2390, 27.1880, 2.8680



74.1160, -30.1660, -14.9820



72.6170, -44.5180, -8.1820

Sweetspot

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



84.7520, 21.7300, 13.6820



136.0660, 8.8020, 5.6820



83.6870, 3.1600, 19.8320



67.3320, 4.9970, 3.0530



201.0000, -0.0000, 0.0000



74.0000, -0.0000, 0.0000

Same Dimension

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



84.7520, 21.7300, 13.6820



102.8400, 33.4660, 21.2580



87.2650, 24.2990, 5.6670



52.0220, 2.9340, 1.8940



40.2120, 59.3220, 37.2580



82.8590, 121.8530, 76.9330

Inverse Universe

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



84.7520, 21.7300, 13.6820



102.8400, 33.4660, 21.2580



96.7350, -24.2990, -5.6670



52.0220, 2.9340, 1.8940



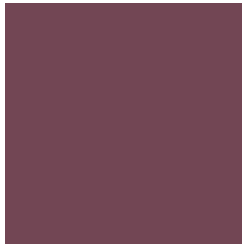
40.2120, 59.3220, 37.2580



82.8590, 121.8530, 76.9330

Previews

White Background



This preview shows how the YIQ color 84.7520, 21.7300, 13.6820 looks on a white background.

Color Contrast Check

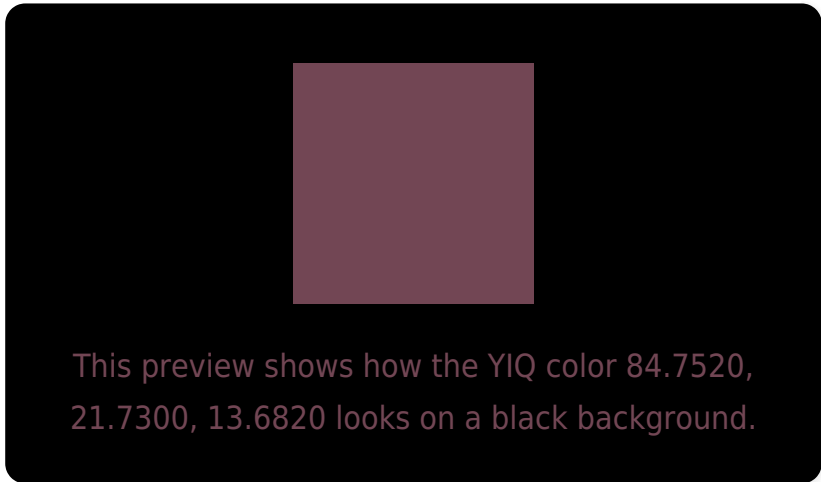
Large Text (above 18pt) WCAG AA ✓ Pass

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 84.7520, 21.7300, 13.6820

Background



This preview shows how black text looks on a background with the YIQ color 84.7520, 21.7300, 13.6820.



This preview shows how white text looks on a background with the YIQ color 84.7520, 21.7300,

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

84.7520, 21.7300, 13.6820

Protanopia

83.7270, -3.4850, 2.5870

Deuteranopia

83.8160, 6.5100, 3.1660



Tritanopia

84.2420, 23.1060, 10.7700

Trichromacy



Original Color

84.7520, 21.7300, 13.6820

Protanomaly

84.0380, 6.0050, 6.8130

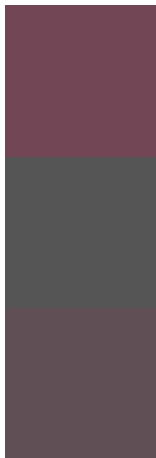
Deuteranomaly

83.9740, 12.0570, 7.2650

Tritanomaly

84.5840, 22.1430, 11.7030

Monochromacy



Original Color

84.7520, 21.7300, 13.6820

Achromatopsia

85.0000, -0.0000, 0.0000

Achromatomaly

85.3540, 7.9310, 4.9470

CSS Examples

Text

The CSS property to change the color of the text to YIQ 84.7520, 21.7300, 13.6820 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(114, 70, 84)` looks like.

```
.text, #text, p{  
    color:rgb(114, 70, 84)  
}
```

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(114, 70, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 70, 84) }
```

Border

The CSS property to change the border of an element to YIQ 84.7520, 21.7300, 13.6820 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(114, 70, 84) }
```


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

```
.border{ border-color:rgb(114, 70, 84) }
```

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

Here you see how a box with a 4 pixel rgb(114, 70, 84) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 70, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 70, 84);  
box-shadow:4px 4px 4px 4px rgb(114, 70,  
84) }
```

Background

The CSS property to change the background color of an element to YIQ 84.7520, 21.7300, 13.6820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 70, 84) }
```

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

```
.background{ background-color: rgb(114, 70,  
84) }
```

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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