

Converting Colors

YIQ(34.6820, 18.7510, 7.0950)

Have a look what the booklet for
YIQ(34.6820, 18.7510, 7.0950)
contains.

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Color

**YIQ(34.6820, 18.7510,
7.0950)**

Conversions

Conversions Part 1

Format	Color
Hex	39191A
RGB	57, 25, 26
RGB Percent	22%, 10%, 10%
CMY	0.7764, 0.9020, 0.8980
CMYK	0.00, 0.56, 0.54, 0.78
HSL	358°, 39%, 16%
HSV	358°, 56%, 22%
XYZ	2.2225, 1.6398, 1.1778
YIQ	34.6820, 18.7510, 7.0950

Conversions

Conversions Part 2

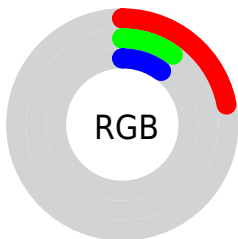
Format	Color
R_{YB}	57, 25, 26
Decimal	3741978
CIE _{Lab}	13.47, 15.95, 6.58
CIE _{LCh}	13, 17.254, 22.418
Yxy	1.6398, 0.4410, 0.3254
Android (android.graphics.Color)	4281932058 (0xFF39191A)
YUV	34.6820, -4.2802, 19.5729
Hunter-Lab	12.8054, 8.5704, 3.5107

Details

The YIQ color **34.6820, 18.7510, 7.0950** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **47.3180, -18.7510, -7.0950**, and the grayscale version is **35.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **80.0630, 22.0520, 7.8440**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **30.5900, 22.0060, 8.6780**, and if you desaturate by 10%, it is **38.8880, 15.1750, 5.8230**.

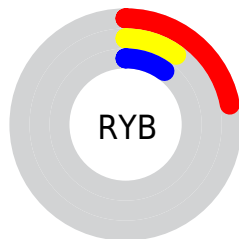
Distribution



Red (22%)

Green (10%)

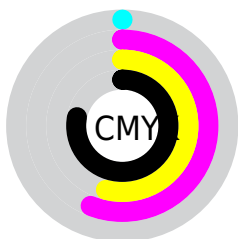
Blue (10%)



Red (22%)

Yellow (10%)

Blue (10%)

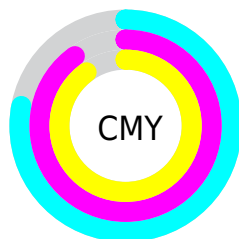


Cyan (0%)

Magenta (56%)

Yellow (54%)

Black (78%)



Cyan (78%)

Magenta (90%)

Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 34.6820, 18.7510, 7.0950 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 34.6820, 18.7510, 7.0950 by changing the saturation by 10% instead.

■ 34.6820, 18.7510,
7.0950

■ 34.6820, 18.7510,
7.0950

■ 254.1850, 0.9170,
-0.0990

■ 11.0630, 22.0520,
7.8440

■ 80.0630, 22.0520,
7.8440

■ 0.0000, 0.0000,
0.0000

■ 104.5470, 23.5650,
7.9570

■ 130.1450, 24.7570,
8.3810


■ 155.8570, 25.6280,
9.1160


■ 183.0420, 26.5450,
9.0170


■ 210.6400, 27.7370,


9.4410


 233.8560, 18.2010,
6.0490


 34.6820, 18.7510,
7.0950


 34.6820, 18.7510,
7.0950


 30.5900, 22.0060,
8.6780


 38.8880, 15.1750,
5.8230


 26.9710, 25.3070,
9.4270


 42.3930, 12.1950,
4.7630


 22.7650, 28.8830,
10.6990

 46.5990, 8.6190,
3.4910

 18.6730, 32.1380,
12.2820

 50.6910, 5.3640,
1.9080

 17.2710, 33.3300,
12.7060

 54.3100, 2.0630,
1.1590

■ 58.4020, -1.1920,
-0.4240

■ 62.6080, -4.7680,
-1.6960

■ 66.7000, -8.0230,
-3.2790

■ 70.3190, -11.3240,
-4.0280

Harmonies

Analogous

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



35.4520, 13.7070, 10.4030



34.6820, 18.7510, 7.0950



33.9930, 19.0730, 1.2570

Triad

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



34.6820, 18.7510, 7.0950



30.4410, -6.0960, -10.6720



29.8260, -25.8130, -0.2530

Complementary

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



34.6820, 18.7510, 7.0950



47.3180, -18.7510, -7.0950

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.



28.9350, -27.7380, -3.9140



34.6820, 18.7510, 7.0950



27.0140, -20.9510, -11.2790

Square

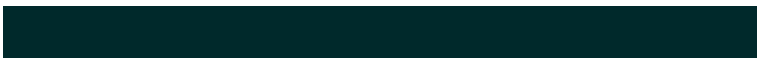
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



34.6820, 18.7510, 7.0950



32.6120, 6.6040, -9.5560



28.9690, -25.0780, -8.0700



35.1380, -8.8960, 7.0400

Rectangle

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



34.6820, 18.7510, 7.0950



33.5750, 17.1940, -3.2380



28.9690, -25.0780, -8.0700



28.8040, -28.7470, -2.1470

Sweetspot

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



34.6820, 18.7510, 7.0950



65.0010, 7.4270, 3.0670



37.9170, 8.2040, 16.5240



33.0930, 4.1720, 1.4840



166.0000, -0.0000, 0.0000



38.0000, -0.0000, -0.0000

Same Dimension

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



34.6820, 18.7510, 7.0950



39.1780, 29.1580, 11.2220



43.3730, 14.9470, -1.0610



25.8970, 1.7880, 0.6360



27.8500, 53.8690, 20.4370



66.2790, 128.2770, 48.6050

Inverse Universe

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



34.6820, 18.7510, 7.0950



39.1780, 29.1580, 11.2220



38.6270, -14.9470, 1.0610



25.8970, 1.7880, 0.6360



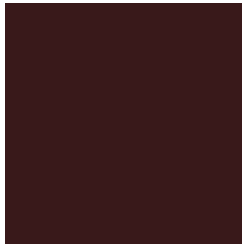
27.8500, 53.8690, 20.4370



66.2790, 128.2770, 48.6050

Previews

White Background



This preview shows how the YIQ color 34.6820, 18.7510, 7.0950 looks on a white background.

Color Contrast Check

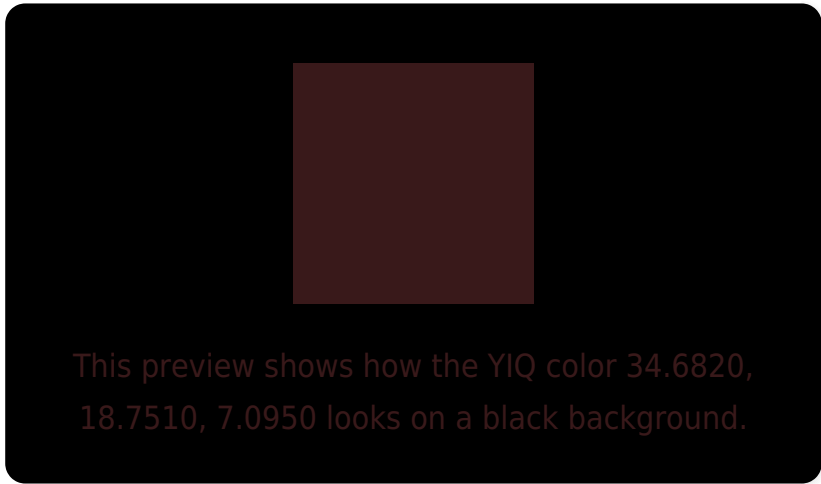
Large Text (above 18pt) WCAG AA ✓ Pass

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

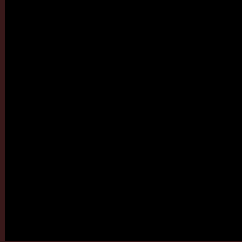
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 34.6820, 18.7510, 7.0950

Background



This preview shows how black text looks on a background with the YIQ color 34.6820, 18.7510, 7.0950.



This preview shows how white text looks on a background with the YIQ color 34.6820, 18.7510,

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

34.6820, 18.7510, 7.0950

Protanopia

35.1420, 2.4760, -0.8200

Deuteranopia

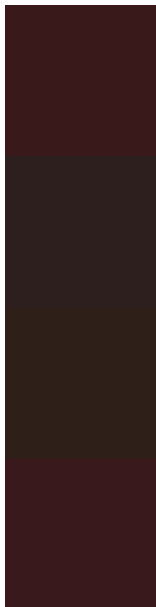
35.3660, 7.6570, -1.1030



Tritanopia

34.7960, 18.4300, 7.4060

Trichromacy



Original Color

34.6820, 18.7510, 7.0950

Protanomaly

34.6590, 8.3900, 2.1340

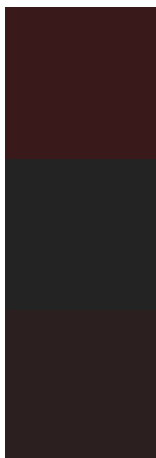
Deuteranomaly

35.1000, 11.4620, 1.5260

Tritanomaly

34.7960, 18.4300, 7.4060

Monochromacy



Original Color

34.6820, 18.7510, 7.0950

Achromatopsia

35.0000, 0.0000, 0.0000

Achromatomaly

34.7020, 6.8310, 2.8550

CSS Examples

Text

The CSS property to change the color of the text to YIQ 34.6820, 18.7510, 7.0950 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(57, 25, 26)` looks like.

```
.text, #text, p{  
    color:rgb(57, 25, 26)  
}
```

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(57, 25, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 25, 26) }
```

Border

The CSS property to change the border of an element to YIQ 34.6820, 18.7510, 7.0950 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(57, 25, 26) }
```


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

```
.border{ border-color:rgb(57, 25, 26) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 25, 26)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 25, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 25, 26);  
box-shadow:4px 4px 4px 4px rgb(57, 25, 26)  
}
```

Background

The CSS property to change the background color of an element to YIQ 34.6820, 18.7510, 7.0950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 25, 26) }
```

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

```
.background{ background-color: rgb(57, 25,  
26) }
```

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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