

Converting Colors

YIQ(14.7520, 21.7300, 13.6820)

Have a look what the booklet for
YIQ(14.7520, 21.7300, 13.6820)
contains.

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Color

**YIQ(14.7520, 21.7300,
13.6820)**

Conversions

Conversions Part 1

Format	Color
Hex	2C000E
RGB	44, 0, 14
RGB Percent	17%, 0%, 5%
CMY	0.8273, 1.0000, 0.9450
CMYK	0.00, 1.00, 0.68, 0.83
HSL	341°, 100%, 9%
HSV	341°, 100%, 17%
XYZ	1.1193, 0.5679, 0.4668
YIQ	14.7520, 21.7300, 13.6820

Conversions

Conversions Part 2

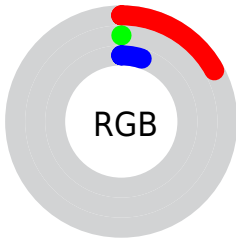
Format	Color
R_{YB}	44, 0, 14
Decimal	2883598
CIE _{Lab}	5.13, 22.68, 2.17
CIE _{LCh}	5, 22.785, 5.459
Yxy	0.5679, 0.5197, 0.2636
Android (android.graphics.Color)	4281073678 (0xFF2C000E)
YUV	14.7520, -0.3707, 25.6505
Hunter-Lab	7.5357, 13.3266, 1.6026

Details

The YIQ color **14.7520, 21.7300, 13.6820** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **29.2480, -21.7300, -13.6820**, and the grayscale version is **15.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **60.4210, 24.1600, 13.6960**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **14.7520, 21.7300, 13.6820**, and if you desaturate by 10%, it is **17.4420, 19.6670, 12.5230**.

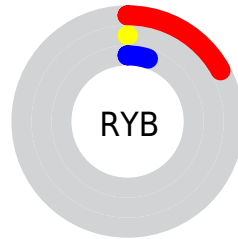
Distribution



Red (17%)

Green (0%)

Blue (5%)



Red (17%)

Yellow (0%)

Blue (5%)

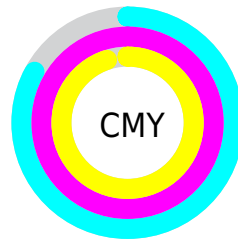


Cyan (0%)

Magenta (100%)

Yellow (68%)

Black (83%)



Cyan (83%)


Magenta (100%)


Yellow (95%)


Brightness & Saturation Gradients


These gradients show how the YIQ color 14.7520, 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 14.7520, 21.7300, 13.6820 by changing the saturation by 10% instead.

 14.7520, 21.7300,
13.6820


 14.7520, 21.7300,
13.6820


 236.0390, 13.4320,
9.8800


 1.1960, 2.3840,
0.8480


 60.4210, 24.1600,
13.6960

 0.0000, 0.0000,
0.0000

 84.0190, 25.3520,
14.1200


 108.9160, 27.1400,
14.7560


 134.5140, 28.3320,
15.1800


 161.1120, 29.5240,
15.6040


 188.4110, 30.1200,


15.8160


 215.7100, 30.7160,
16.0280


 14.7520, 21.7300,
13.6820

 17.4420, 19.6670,
12.5230

 20.7190, 17.3290,
10.8410

 23.4090, 15.2660,
9.6820

 26.6860, 12.9280,
8.0000

 29.3760, 10.8650,
6.8410

■ 32.0660, 8.8020,
5.6820

■ 35.3430, 6.4640,
4.0000

■ 38.0330, 4.4010,
2.8410

■ 41.3100, 2.0630,
1.1590

Harmonies

Analogous

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



16.5430, 12.1930, 15.8170



14.7520, 21.7300, 13.6820



14.6180, 24.8030, 7.5470

Triad

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



14.7520, 21.7300, 13.6820



13.5010, -6.3250, -12.0290



18.6310, -20.7700, 1.9660

Complementary

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



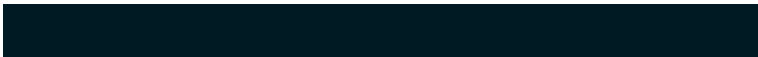
14.7520, 21.7300, 13.6820



29.2480, -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.



19.2520, -18.3850, -2.7130



14.7520, 21.7300, 13.6820



15.2620, -7.1500, -13.5980

Square

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



14.7520, 21.7300, 13.6820



16.5460, 6.9700, -5.1740



18.1290, -13.8450, -7.9010



15.9240, -20.0370, 5.2030

Rectangle

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



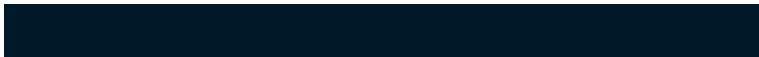
14.7520, 21.7300, 13.6820



16.0580, 20.4480, 3.8720



18.1290, -13.8450, -7.9010



19.4630, -20.3570, -0.0130

Sweetspot

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



14.7520, 21.7300, 13.6820



44.7670, 8.2060, 5.4700



13.6870, 3.1600, 19.8320



21.3320, 4.9970, 3.0530



156.0000, -0.0000, -0.0000



28.0000, -0.0000, 0.0000

Same Dimension

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



14.7520, 21.7300, 13.6820



18.7960, 27.5980, 17.4700



17.2650, 24.2990, 5.6670



21.5980, 1.1920, 0.4240



29.2050, 42.8640, 27.1520



71.7380, 105.7160, 66.5160

Inverse Universe

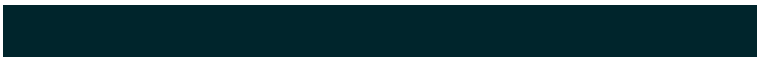
The Inverse Universe completely reimagines the original color for something new.



14.7520, 21.7300, 13.6820



18.7960, 27.5980, 17.4700



26.7350, -24.2990, -5.6670



21.5980, 1.1920, 0.4240



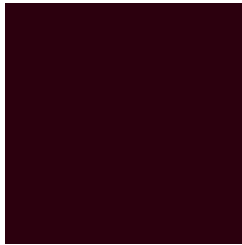
29.2050, 42.8640, 27.1520



71.7380, 105.7160, 66.5160

Previews

White Background



This preview shows how the YIQ color 14.7520, 21.7300, 13.6820 looks on a white background.

Color Contrast Check

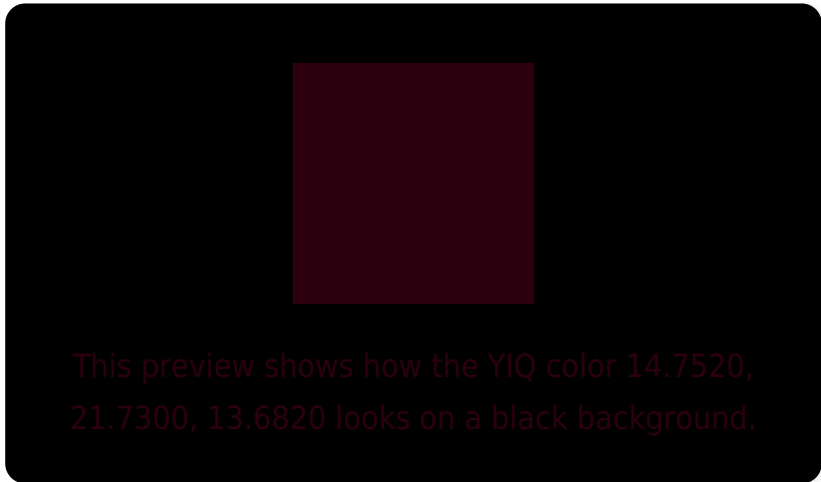
Large Text (above 18pt) WCAG AA ✓ Pass

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

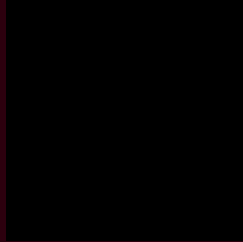
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 14.7520, 21.7300, 13.6820

Background



This preview shows how black text looks on a background with the YIQ color 14.7520, 21.7300, 13.6820.

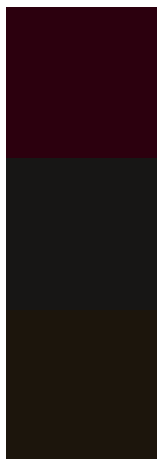


This preview shows how white text looks on a background with the YIQ color 14.7520, 21.7300,

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

14.7520, 21.7300, 13.6820

Protanopia

22.1850, 0.9170, -0.0990

Deuteranopia

22.0670, 7.0610, -1.3150



Tritanopia

17.2480, 22.9690, 7.7450

Trichromacy



Original Color

14.7520, 21.7300, 13.6820

Protanomaly

19.5390, 8.8480, 4.8480

Deuteranomaly

19.2790, 12.5160, 4.4520

Tritanomaly

16.4160, 22.5560, 9.7240

Monochromacy



Original Color

14.7520, 21.7300, 13.6820

Achromatopsia

15.0000, -0.0000, -0.0000

Achromatomaly

15.3540, 7.9310, 4.9470

CSS Examples

Text

The CSS property to change the color of the text to YIQ 14.7520, 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(44, 0, 14)` looks like.

```
.text, #text, p{  
    color:rgb(44, 0, 14)  
}
```

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(44, 0, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 0, 14) }
```

Border

The CSS property to change the border of an element to YIQ 14.7520, 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(44, 0, 14) }
```


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

```
.border{ border-color:rgb(44, 0, 14) }
```

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

Here you see how a box with a 4 pixel `rgb(44, 0, 14)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 0, 14); -webkit-box-shadow:4px  
4px 4px 4px rgb(44, 0, 14); box-shadow:4px  
4px 4px 4px rgb(44, 0, 14) }
```

Background

The CSS property to change the background color of an element to YIQ 14.7520, 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(44, 0, 14) }
```

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

```
.background{ background-color: rgb(44, 0,  
14) }
```

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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