

Converting Colors

YIQ(29.4210, 14.9920, 3.6320)

Have a look what the booklet for
YIQ(29.4210, 14.9920, 3.6320)
contains.

YIQ(29.4210, 14.9920, 3.6320)	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(29.4210, 14.9920,
3.6320)**

Conversions

Conversions Part 1

Format	Color
Hex	2E1713
RGB	46, 23, 19
RGB Percent	18%, 9%, 7%
CMY	0.8196, 0.9098, 0.9254
CMYK	0.00, 0.50, 0.59, 0.82
HSL	9°, 42%, 13%
HSV	9°, 59%, 18%
XYZ	1.5512, 1.2406, 0.7745
YIQ	29.4210, 14.9920, 3.6320

Conversions

Conversions Part 2

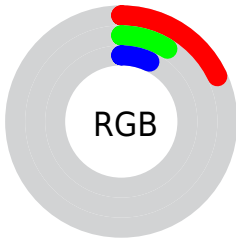
Format	Color
R_YB	46, 24, 19
Decimal	3020563
CIE _{Lab}	10.85, 11.08, 7.64
CIE _{LCh}	11, 13.454, 34.575
Yxy	1.2406, 0.4350, 0.3479
Android (android.graphics.Color)	4281210643 (0xFF2E1713)
YUV	29.4210, -5.1376, 14.5398
Hunter-Lab	11.1384, 5.3669, 3.6741

Details

The YIQ color **29.4210, 14.9920, 3.6320** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **35.5790, -14.9920, -3.6320**, and the grayscale version is **29.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **73.5030, 17.6970, 4.1690**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **26.5030, 17.6970, 4.1690**, and if you desaturate by 10%, it is **32.3390, 12.2870, 3.0950**.

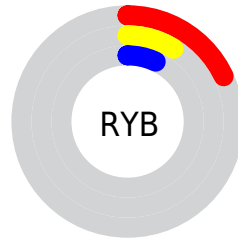
Distribution



Red (18%)

Green (9%)

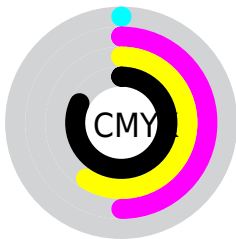
Blue (7%)



Red (18%)

Yellow (9%)

Blue (7%)

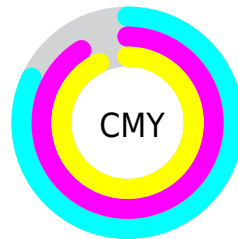


Cyan (0%)

Magenta (50%)

Yellow (59%)

Black (82%)



Cyan (82%)

Magenta (91%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 29.4210, 14.9920, 3.6320 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 29.4210, 14.9920, 3.6320 by changing the saturation by 10% instead.

■ 29.4210, 14.9920,
3.6320

■ 29.4210, 14.9920,
3.6320

■ 250.6970, 5.2270,
-1.1170

■ 7.7740, 15.4960,
5.5120

■ 73.5030, 17.6970,
4.1690

■ 0.0000, 0.0000,
0.0000

■ 97.9870, 19.2100,
4.2820


■ 122.6990, 20.0810,
5.0170


■ 148.5850, 20.4020,
4.7060


■ 175.1830, 21.5940,
5.1300


■ 202.4820, 22.1900,


5.3420


 230.4820, 22.1900,
5.3420


 29.4210, 14.9920,
3.6320


 29.4210, 14.9920,
3.6320


 26.5030, 17.6970,
4.1690


 32.3390, 12.2870,
3.0950


 23.6990, 20.0810,
5.0170


 35.1430, 9.9030,
2.2470


 20.7810, 22.7860,
5.5540

 38.0610, 7.1980,
1.7100

 17.9770, 25.1700,
6.4020

 40.8650, 4.8140,
0.8620

 17.8630, 25.4910,
6.0910

 43.7830, 2.1090,
0.3250

■ 46.7010, -0.5960,
-0.2120

■ 48.9180, -2.7050,
-0.5370

■ 51.8360, -5.4100,
-1.0740

■ 54.6400, -7.7940,
-1.9220

Harmonies

Analogous

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



29.8600, 12.3780, 6.9540



29.4210, 14.9920, 3.6320



28.9600, 14.6720, -1.5840

Triad

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



29.4210, 14.9920, 3.6320



25.3530, -8.6640, -8.1840



28.0510, -13.2050, 2.5310

Complementary

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



29.4210, 14.9920, 3.6320



35.5790, -14.9920, -3.6320

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.



23.9140, -23.2450, -2.7410



29.4210, 14.9920, 3.6320



23.3780, -18.9800, -8.4520

Square

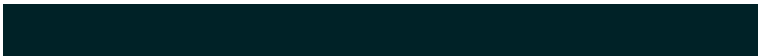
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



29.4210, 14.9920, 3.6320



27.3280, 1.6520, -7.9160



24.4040, -21.8690, -5.6530



29.8460, -2.2020, 6.8700

Rectangle

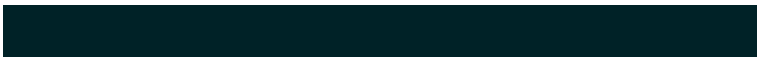
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



29.4210, 14.9920, 3.6320



28.2970, 12.1050, -4.6230



24.4040, -21.8690, -5.6530



26.8440, -17.0560, 0.7360

Sweetspot

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



29.4210, 14.9920, 3.6320



52.4630, 6.0060, 1.2860



29.6950, 8.7090, 12.8770



26.6800, 3.8970, 0.9610



158.0000, -0.0000, 0.0000



31.0000, -0.0000, -0.0000

Same Dimension

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



29.4210, 14.9920, 3.6320



33.7810, 22.7860, 5.5540



37.0520, 11.4170, -3.1670



21.5980, 1.1920, 0.4240



33.6440, 48.2770, 11.6450



82.7700, 118.7440, 28.6320

Inverse Universe

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



35.5790, -14.9920, -3.6320



43.2190, -22.7860, -5.5540



27.9480, -11.4170, 3.1670



22.4020, -1.1920, -0.4240



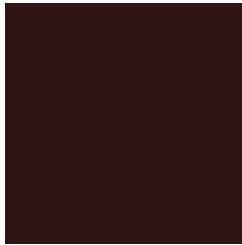
53.3560, -48.2770, -11.6450



131.8170, -119.0190, -29.1550

Previews

White Background



This preview shows how the YIQ color 29.4210, 14.9920, 3.6320 looks on a white background.

Color Contrast Check

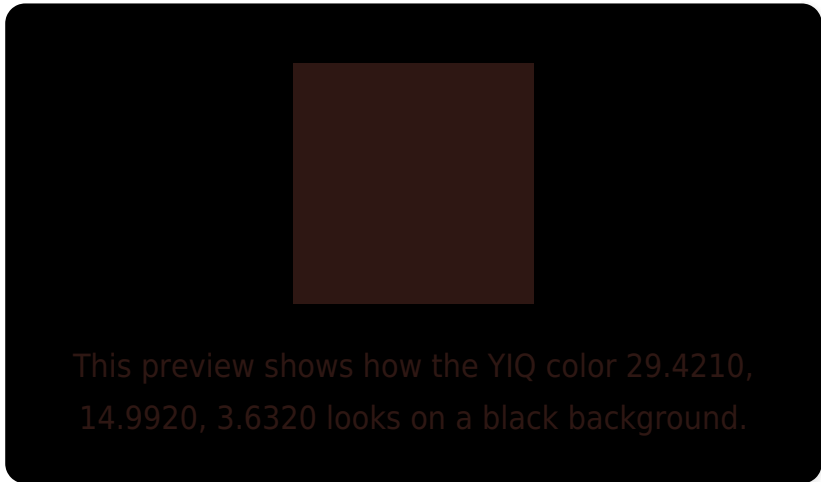
Large Text (above 18pt) WCAG AA ✓ Pass

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

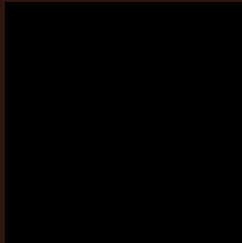
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 29.4210, 14.9920, 3.6320

Background



This preview shows how black text looks on a background with the YIQ color 29.4210, 14.9920, 3.6320.



This preview shows how white text looks on a background with the YIQ color 29.4210, 14.9920,

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

29.4210, 14.9920, 3.6320

Protanopia

29.6860, 3.7600, -2.0640

Deuteranopia

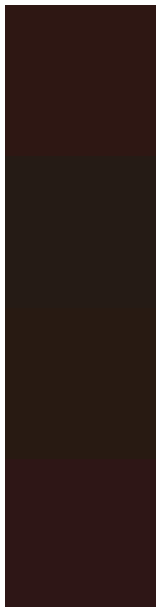
29.2520, 7.9780, -1.4140



Tritanopia

29.4040, 13.6620, 5.7100

Trichromacy



Original Color

29.4210, 14.9920, 3.6320

Protanomaly

29.3060, 7.8860, 0.2540

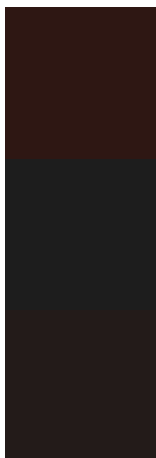
Deuteranomaly

29.2740, 10.9120, 0.4800

Tritanomaly

29.1760, 14.3040, 5.0880

Monochromacy



Original Color

29.4210, 14.9920, 3.6320

Achromatopsia

29.0000, -0.0000, 0.0000

Achromatomaly

29.1640, 5.4100, 1.0740

CSS Examples

Text

The CSS property to change the color of the text to YIQ 29.4210, 14.9920, 3.6320 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(46, 23, 19)` looks like.

```
.text, #text, p{  
    color:rgb(46, 23, 19)  
}
```

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(46, 23, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 23, 19) }
```

Border

The CSS property to change the border of an element to YIQ 29.4210, 14.9920, 3.6320 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(46, 23, 19) }
```


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

```
.border{ border-color:rgb(46, 23, 19) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 23, 19)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 23, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 23, 19);  
box-shadow:4px 4px 4px 4px rgb(46, 23, 19)  
}
```

Background

The CSS property to change the background color of an element to YIQ 29.4210, 14.9920, 3.6320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 23, 19) }
```

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

```
.background{ background-color: rgb(46, 23,  
19) }
```

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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