

Converting Colors

XYZ(30.4291, 52.3821, 14.8103)

Have a look what the booklet for
XYZ(30.4291, 52.3821, 14.8103)
contains.

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Color

**XYZ(30.4291, 52.3821,
14.8103)**

Conversions

Conversions Part 1

Format	Color
Hex	5CD949
RGB	92, 217, 73
RGB Percent	36%, 85%, 29%
CMY	0.6392, 0.1490, 0.7137
CMYK	0.58, 0.00, 0.66, 0.15
HSL	112°, 65%, 57%
HSV	112°, 66%, 85%
XYZ	30.4291, 52.3821, 14.8103
YIQ	163.2090, -28.2760, -71.2840

Conversions

Conversions Part 2

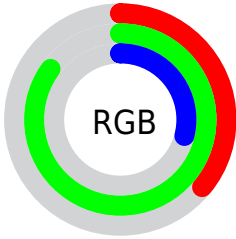
Format	Color
RYB	73, 217, 198
Decimal	6084937
CIELab	77.51, -61.01, 58.37
CIELCh	78, 84.430, 136.268
Yxy	52.3821, 0.3117, 0.5366
Android (android.graphics.Color)	4284275017 (0xFF5CD949)
YUV	163.2090, -44.4730, -62.4503
Hunter-Lab	72.3755, -51.6096, 38.5302

Details

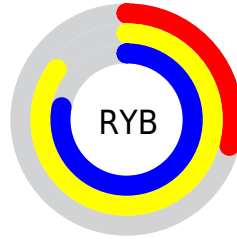
The XYZ color **30.4291, 52.3821, 14.8103** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **38.1988, 21.7826, 67.8397**, and the grayscale version is **35.1261, 36.9554, 40.2444**.

A 20% lighter version of the original color is **52.7932, 79.8508, 33.0523**, and **12.7668, 25.4985, 4.3637** is the 20% darker color. If you saturate the color by 10%, you get **28.1782, 51.2924, 11.5825**, and if you desaturate by 10%, it is **33.4013, 53.8178, 19.3837**.

Distribution



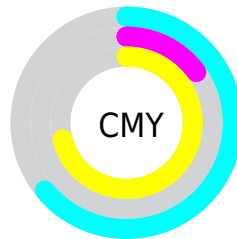
- Red (36%)
- Green (85%)
- Blue (29%)



- Red (29%)
- Yellow (85%)
- Blue (78%)



- Cyan (58%)
- Magenta (0%)
- Yellow (66%)
- Black (15%)





- Cyan (64%)
- Magenta (15%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.4291, 52.3821, 14.8103 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 XYZ color 30.4291, 52.3821, 14.8103 by changing the saturation by 10% instead.


 30.4291, 52.3821,
14.8103


 30.4291, 52.3821,
14.8103


295.7736,
395.9100, 233.8162


 20.3142, 37.3097,
8.5412


 59.7221, 93.6945,
35.2576


 12.7332, 25.4474,
4.3505

 79.6309, 120.7033,
50.2730


 7.3208, 16.4107,
1.8195


 103.5351,
152.4598, 69.0408

 3.7117, 9.8152,
0.4408

 131.7999,
189.3482, 91.9796

 1.5403, 5.2766,
0.0000

 164.7909,
231.7531, 119.5081

 0.3530, 2.4105,
0.0000

202.8732,

 0.0000, 0.8313,

280.0587, 152.0446

0.0000

246.4123,
334.6495, 190.0078

■ 0.0000, 0.0000,
0.0000

■ 30.4291, 52.3821,
14.8103

■ 30.4291, 52.3821,
14.8103

■ 28.1782, 51.2924,
11.5825

■ 33.4013, 53.8178,
19.3837

■ 26.5821, 50.5129,
9.5509

■ 37.1462, 55.6185,
25.4246

■ 25.5670, 50.0111,
8.5325

■ 41.7149, 57.8098,
33.0448

■ 25.3101, 49.8837,
8.2945

■ 47.1529, 60.4130,
42.3446

■ 53.5023, 63.4478,
53.4159

■ 60.8025, 66.9326,
66.3441

■ 69.0906, 70.8848,
81.2087

■ 78.4017, 75.3210,
98.0850

■ 84.1039, 78.1079,
105.2513

Harmonies

Analogous

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



41.5274, 52.3821, 7.0136



30.4291, 52.3821, 14.8103



25.1594, 52.3821, 38.2987

Triad

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



30.4291, 52.3821, 14.8103



42.7235, 52.3821, 195.8696



86.2673, 52.3821, 35.4366

Complementary

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



30.4291, 52.3821, 14.8103



38.1988, 21.7826, 67.8397

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.



86.7852, 52.3821, 81.0604



30.4291, 52.3821, 14.8103



59.0764, 52.3821, 193.5432

Square

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



30.4291, 52.3821, 14.8103



31.1395, 52.3821, 149.3733



75.9900, 52.3821, 144.1098



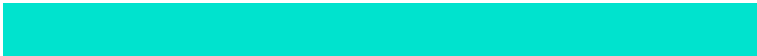
74.6998, 52.3821, 13.6983

Rectangle

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



30.4291, 52.3821, 14.8103



24.7133, 52.3821, 67.3877



75.9900, 52.3821, 144.1098



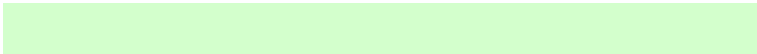
87.8137, 52.3821, 47.8013

Sweetspot

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



30.4303, 52.3843, 14.8115



73.4451, 89.6883, 70.5674



49.9686, 55.5322, 14.3893



15.1668, 18.9325, 14.1398



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



30.4303, 52.3843, 14.8115



39.4921, 73.3749, 15.2133



31.3152, 52.5458, 28.1645



13.0454, 14.6881, 13.8731



15.3709, 30.2215, 5.0232



1.0489, 1.9853, 0.3279

Inverse Universe

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



38.1988, 21.7826, 67.8397



51.2571, 26.0963, 96.9433



37.7187, 22.2058, 37.5169



13.4366, 13.1832, 16.4886



20.2563, 9.5667, 40.5173



1.3602, 0.6445, 2.6272

Previews

White Background



This preview shows how the XYZ color 30.4291, 52.3821, 14.8103 looks on a white 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

Black Background



This preview shows how the XYZ color 30.4291, 52.3821, 14.8103 looks on a black 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

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

XYZ 30.4291, 52.3821, 14.8103

Background



This preview shows how black text looks on a background with the XYZ color 30.4291, 52.3821, 14.8103.

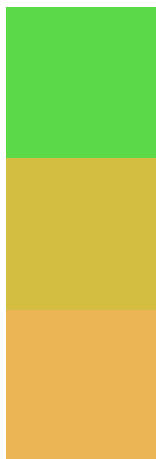


This preview shows how white text looks on a background with the XYZ color 30.4291, 52.3821,

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

30.4291, 52.3821, 14.8103

Protanopia

46.5482, 51.2173, 12.5868

Deuteranopia

52.4245, 51.3658, 15.7458



Tritanopia

42.3105, 52.0373, 74.8320

Trichromacy



Original Color

30.4291, 52.3821, 14.8103



Protanomaly

37.8769, 50.0631, 13.2970



Deuteranomaly

40.3054, 49.2449, 15.1655



Tritanomaly

36.1209, 51.3097, 44.0764

Monochromacy



Original Color

30.4291, 52.3821, 14.8103



Achromatopsia

34.8123, 36.6253, 39.8849



Achromatomaly

31.2793, 40.7970, 27.3451

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.4291, 52.3821, 14.8103 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(92, 217, 73)` looks like.

```
.text, #text, p{  
    color:rgb(92, 217, 73)  
}
```

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(92, 217, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 217, 73) }
```

Border

The CSS property to change the border of an element to XYZ 30.4291, 52.3821, 14.8103 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(92, 217, 73) }
```


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

```
.border{ border-color:rgb(92, 217, 73) }
```

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

Here you see how a box with a 4 pixel rgb(92, 217, 73) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 217, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 217, 73);  
box-shadow:4px 4px 4px 4px rgb(92, 217,  
73) }
```

Background

The CSS property to change the background color of an element to XYZ 30.4291, 52.3821, 14.8103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 217, 73) }
```

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

```
.background{ background-color: rgb(92, 217,  
73) }
```

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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