

Converting Colors

XYZ(9.2564, 14.1565, 3.6590)

Have a look what the booklet for
XYZ(9.2564, 14.1565, 3.6590)
contains.

XYZ(9.3083, 14.2101, 3.6911)	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

**XYZ(9.3083, 14.2101,
3.6911)**

Conversions

Conversions Part 1

Format	Color
Hex	487521
RGB	72, 117, 33
RGB Percent	28%, 46%, 13%
CMY	0.7176, 0.5412, 0.8706
CMYK	0.38, 0.00, 0.72, 0.54
HSL	92°, 56%, 29%
HSV	92°, 72%, 46%
XYZ	9.3083, 14.2101, 3.6911
YIQ	93.9690, 0.1440, -35.6640

Conversions

Conversions Part 2

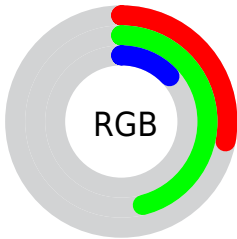
Format	Color
R_{YB}	33, 117, 78
Decimal	4748577
CIE Lab	44.53, -30.45, 39.64
CIE LCh	45, 49.982, 127.529
Yxy	14.2101, 0.3421, 0.5222
Android (android.graphics.Color)	4282938657 (0xFF487521)
YUV	93.9690, -30.0577, -19.2668
Hunter-Lab	37.6963, -21.8917, 20.5819

Details

The XYZ color **9.3083, 14.2101, 3.6911** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **6.8973, 3.9923, 17.2375**, and the grayscale version is **10.7012, 11.2585, 12.2605**.

A 20% lighter version of the original color is **24.0615, 33.2856, 13.3402**, and **2.3764, 4.2937, 0.7035** is the 20% darker color. If you saturate the color by 10%, you get **8.7285, 13.9274, 2.9525**, and if you desaturate by 10%, it is **9.9935, 14.5414, 4.7329**.

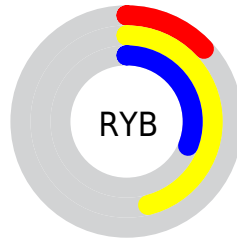
Distribution



Red (28%)

Green (46%)

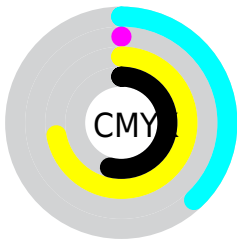
Blue (13%)



Red (13%)

Yellow (46%)

Blue (31%)

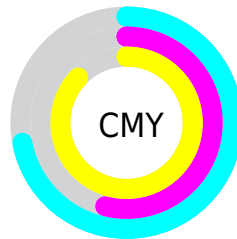


Cyan (38%)

Magenta (0%)

Yellow (72%)

Black (54%)



Cyan (72%)

Magenta (54%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 9.3083, 14.2101, 3.6911 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 9.3083, 14.2101, 3.6911 by changing the saturation by 10% instead.

■ 9.3083, 14.2101,
3.6911

■ 9.3083, 14.2101,
3.6911

179.8202,
218.5340, 144.7275

■ 5.0015, 8.2669,
1.4575

■ 24.1477, 33.4614,
13.2908

■ 2.2829, 4.2662,
0.1859

■ 35.4111, 47.5382,
21.4940

■ 0.7859, 1.8236,
0.0000

■ 49.7241, 65.0952,
32.5241

■ 0.0000, 0.5018,
0.0000

■ 67.4520, 86.5165,
46.7997

■ 0.0000, 0.0000,
0.0000

■ 88.9603, 112.1866,
64.7393

■ 114.6141,

142.4900, 86.7614

144.7790,
177.8110, 113.2846

9.3083, 14.2101,
3.6911

9.3083, 14.2101,
3.6911

8.7285, 13.9274,
2.9525

9.9935, 14.5414,
4.7329

8.2454, 13.6882,
2.4833

10.7897, 14.9224,
6.1050

7.9001, 13.5163,
2.1925

11.7034, 15.3561,
7.8327

12.7399, 15.8449,
9.9385

13.9046, 16.3911,
12.4430

■ 15.2021, 16.9966,
15.3654

■ 16.6370, 17.6635,
18.7236

■ 18.2136, 18.3935,
22.5344

■ 19.9359, 19.1885,
26.8139

Harmonies

Analogous

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



12.5146, 14.2101, 2.2417



9.3083, 14.2101, 3.6911



7.5284, 14.2101, 8.4362

Triad

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



9.3083, 14.2101, 3.6911



10.7514, 14.2101, 46.4459



22.7552, 14.2101, 12.7387

Complementary

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



9.3083, 14.2101, 3.6911



6.8973, 3.9923, 17.2375

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.



22.0235, 14.2101, 25.6192



9.3083, 14.2101, 3.6911



14.5490, 14.2101, 49.6295

Square

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



9.3083, 14.2101, 3.6911



8.2385, 14.2101, 33.3484



18.8078, 14.2101, 40.6447



20.6444, 14.2101, 5.4973

Rectangle

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



9.3083, 14.2101, 3.6911



7.1410, 14.2101, 14.5336



18.8078, 14.2101, 40.6447



22.8398, 14.2101, 16.4508

Sweetspot

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



9.3086, 14.2107, 3.6914



24.7278, 29.2707, 21.9065



10.3214, 9.3127, 2.6926



5.5841, 6.6824, 4.8156



57.3938, 60.3827, 65.7568



6.9614, 7.3239, 7.9757

Same Dimension

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



9.3086, 14.2107, 3.6914



15.0544, 24.6548, 4.6955



7.3043, 13.1727, 3.8110



3.7872, 4.1738, 3.9483



8.6861, 14.8822, 2.4147



41.3592, 72.0232, 11.7220

Inverse Universe

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



6.8973, 3.9923, 17.2375



10.4307, 5.1227, 30.5760



10.9292, 6.0895, 16.5795



3.6705, 3.6775, 4.6066



5.7560, 2.5586, 18.7331



27.0526, 11.9546, 91.2419

Previews

White Background



This preview shows how the XYZ color 9.3083, 14.2101, 3.6911 looks on a white background.

Color Contrast Check

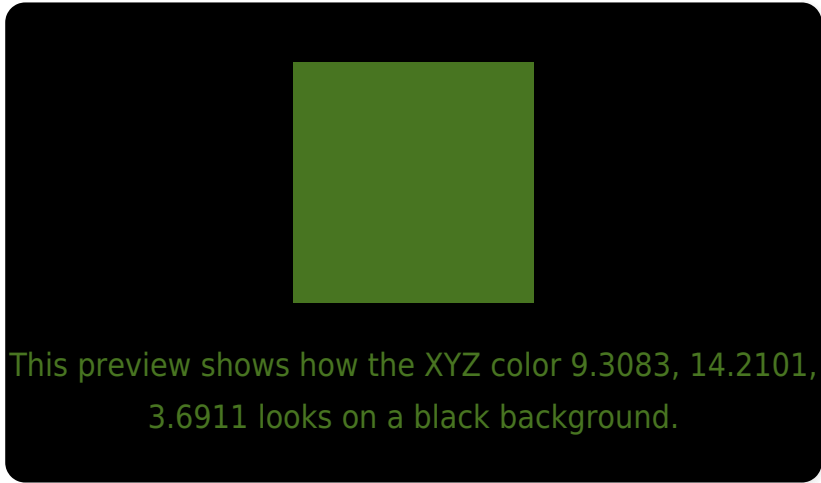
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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](#).

XYZ 9.3083, 14.2101, 3.6911

Background



This preview shows how black text looks on a background with the XYZ color 9.3083, 14.2101, 3.6911.



This preview shows how white text looks on a background with the XYZ color 9.3083, 14.2101, 3.6911.

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

9.3083, 14.2101, 3.6911

Protanopia

12.7571, 14.0484, 3.2675

Deuteranopia

14.3002, 14.0928, 3.9740



Tritanopia

12.3948, 14.1301, 19.2136

Trichromacy



Original Color

9.3083, 14.2101, 3.6911

Protanomaly

11.0828, 13.8029, 3.3764

Deuteranomaly

11.9184, 13.7566, 3.7774

Tritanomaly

10.8227, 13.9819, 11.1452

Monochromacy



Original Color

9.3083, 14.2101, 3.6911

Achromatopsia

10.6392, 11.1932, 12.1894

Achromatomaly

9.7588, 11.9491, 7.9229

CSS Examples

Text

The CSS property to change the color of the text to XYZ 9.3083, 14.2101, 3.6911 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(72, 117, 33)` looks like.

```
.text, #text, p{  
    color:rgb(72, 117, 33)  
}
```

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(72, 117, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 117, 33) }
```

Border

The CSS property to change the border of an element to XYZ 9.3083, 14.2101, 3.6911 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(72, 117, 33) }
```


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

```
.border{ border-color:rgb(72, 117, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 117, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 117, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 117, 33);  
box-shadow:4px 4px 4px 4px rgb(72, 117,  
33) }
```

Background

The CSS property to change the background color of an element to XYZ 9.3083, 14.2101, 3.6911 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 117, 33) }
```

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

```
.background{ background-color: rgb(72, 117,  
33) }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor