

Converting Colors

XYZ(9.1011, 14.5261, 6.2059)

Have a look what the booklet for
XYZ(9.1011, 14.5261, 6.2059)
contains.

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Color

**XYZ(9.1423, 14.5982,
6.2068)**

Conversions

Conversions Part 1

Format	Color
Hex	397839
RGB	57, 120, 57
RGB Percent	22%, 47%, 22%
CMY	0.7765, 0.5294, 0.7765
CMYK	0.53, 0.00, 0.52, 0.53
HSL	120°, 36%, 35%
HSV	120°, 53%, 47%
XYZ	9.1423, 14.5982, 6.2068
YIQ	93.9810, -17.3250, -32.9490

Conversions

Conversions Part 2

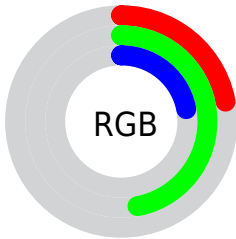
Format	Color
RYB	57, 120, 120
Decimal	3766329
CIELab	45.08, -34.18, 28.34
CIELCh	45, 44.398, 140.340
Yxy	14.5982, 0.3053, 0.4875
Android (android.graphics.Color)	4281956409 (0xFF397839)
YUV	93.9810, -18.2316, -32.4323
Hunter-Lab	38.2076, -24.1519, 17.1137

Details

The XYZ color **9.1423, 14.5982, 6.2068** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **12.5994, 8.2755, 18.7027**, and the grayscale version is **10.6798, 11.2360, 12.2360**.

A 20% lighter version of the original color is **23.8518, 34.1790, 18.9757**, and **2.3136, 4.5306, 1.0692** is the 20% darker color. If you saturate the color by 10%, you get **8.2726, 14.1809, 4.7840**, and if you desaturate by 10%, it is **10.2452, 15.1284, 8.0106**.

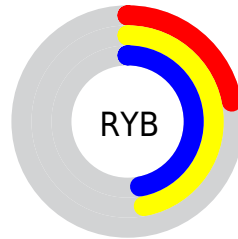
Distribution



Red (22%)

Green (47%)

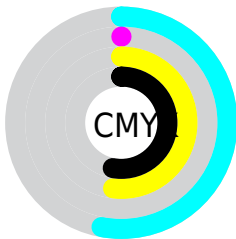
Blue (22%)



Red (22%)

Yellow (47%)

Blue (47%)

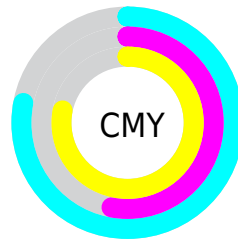


Cyan (53%)

Magenta (0%)

Yellow (52%)

Black (53%)



Cyan (78%)

Magenta (53%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 9.1423, 14.5982, 6.2068 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 9.1423, 14.5982, 6.2068 by changing the saturation by 10% instead.

9.1423, 14.5982,
6.2068

9.1423, 14.5982,
6.2068

178.6206,
220.9212, 170.2725

4.8920, 8.5379,
2.9004

23.8338, 34.1467,
18.8437

2.2181, 4.4410,
1.0440

35.0057, 48.4038,
29.0112

0.7523, 1.9232,
0.0000

49.2155, 66.1618,
42.3029

0.0000, 0.5623,
0.0000

66.8286, 87.8053,
59.1373

0.0000, 0.0000,
0.0000

88.2103, 113.7185,
79.9329

113.7260,

144.2860, 105.1083

143.7409,
179.8921, 135.0820

■ 9.1423, 14.5982,
6.2068

■ 9.1423, 14.5982,
6.2068

■ 8.2726, 14.1809,
4.7840

■ 10.2452, 15.1284,
8.0106

■ 7.6185, 13.8667,
3.7140

■ 11.5954, 15.7770,
10.2190

■ 7.1614, 13.6471,
2.9663

■ 13.2069, 16.5511,
12.8548

■ 6.8787, 13.5113,
2.5039

■ 15.0924, 17.4568,
15.9390

■ 6.7168, 13.4335,
2.2390

■ 17.2640, 18.4999,
19.4909

■ 19.7327, 19.6858,
23.5289

■ 22.5093, 21.0195,
28.0704

■ 25.6038, 22.5059,
33.1318

■ 29.0258, 24.1497,
38.7290

Harmonies

Analogous

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



11.5754, 14.5982, 3.5144



9.1423, 14.5982, 6.2068



8.0417, 14.5982, 12.7544

Triad

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



9.1423, 14.5982, 6.2068



12.7302, 14.5982, 45.0923



21.5528, 14.5982, 9.8811

Complementary

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



9.1423, 14.5982, 6.2068



12.5994, 8.2755, 18.7027

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.



22.0096, 14.5982, 19.5129



9.1423, 14.5982, 6.2068



16.4609, 14.5982, 43.1792

Square

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



9.1423, 14.5982, 6.2068



9.8598, 14.5982, 36.9386



20.0112, 14.5982, 32.4883



18.8549, 14.5982, 4.8979

Rectangle

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



9.1423, 14.5982, 6.2068



8.0517, 14.5982, 19.7832



20.0112, 14.5982, 32.4883



21.9899, 14.5982, 12.5528

Sweetspot

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



9.1427, 14.5988, 6.2071



25.1948, 30.0541, 25.8262



15.2014, 17.7222, 6.4904



5.8422, 7.0607, 5.9101



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



9.1427, 14.5988, 6.2071



14.2847, 24.8134, 7.9807



10.1864, 15.0163, 11.7033



3.9509, 4.4500, 4.2752



7.3273, 14.6546, 2.4426



34.9519, 69.9038, 11.6509

Inverse Universe

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



12.5994, 8.2755, 18.7027



21.0764, 12.3894, 32.5321



10.9915, 7.6324, 10.2356



4.1545, 4.0775, 5.0112



12.1483, 5.8355, 19.8699



57.9487, 27.8358, 94.7810

Previews

White Background



This preview shows how the XYZ color 9.1423, 14.5982, 6.2068 looks on a white background.

Color Contrast Check

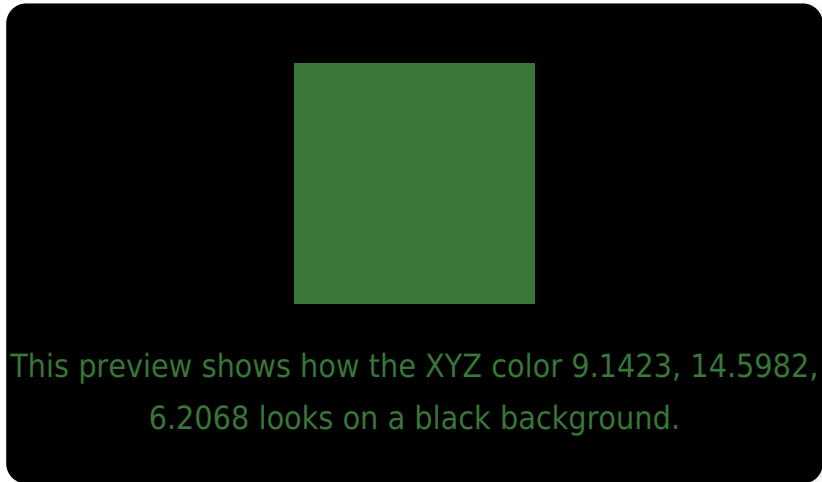
Large Text (above 18pt) WCAG AA ✓ Pass

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 9.1423, 14.5982, 6.2068

Background



This preview shows how black text looks on a background with the XYZ color 9.1423, 14.5982, 6.2068.



This preview shows how white text looks on a background with the XYZ color 9.1423, 14.5982,

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

9.1423, 14.5982, 6.2068

Protanopia

13.1100, 14.3379, 5.3253

Deuteranopia

14.5764, 14.3223, 6.5536



Tritanopia

12.0165, 14.5550, 20.5884

Trichromacy



Original Color

9.1423, 14.5982, 6.2068

Protanomaly

11.0696, 14.0681, 5.6220

Deuteranomaly

11.7717, 13.9349, 6.3442

Tritanomaly

10.6968, 14.5309, 13.7962

Monochromacy



Original Color

9.1423, 14.5982, 6.2068

Achromatopsia

10.6392, 11.1932, 12.1894

Achromatomaly

9.7288, 12.0439, 9.5965

CSS Examples

Text

The CSS property to change the color of the text to XYZ 9.1423, 14.5982, 6.2068 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, 120, 57)` looks like.

```
.text, #text, p{  
    color:rgb(57, 120, 57)  
}
```

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, 120, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 120, 57) }
```

Border

The CSS property to change the border of an element to XYZ 9.1423, 14.5982, 6.2068 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, 120, 57) }
```


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

```
.border{ border-color:rgb(57, 120, 57) }
```

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

Here you see how a box with a 4 pixel rgb(57, 120, 57) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 120, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 120, 57);  
box-shadow:4px 4px 4px 4px rgb(57, 120,  
57) }
```

Background

The CSS property to change the background color of an element to XYZ 9.1423, 14.5982, 6.2068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 120, 57) }
```

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

```
.background{ background-color: rgb(57, 120,  
57) }
```

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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