

Converting Colors

XYZ(14.9209, 23.2565, 7.3711)

Have a look what the booklet for
XYZ(14.9209, 23.2565, 7.3711)
contains.

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Color

**XYZ(14.9356, 23.3405,
7.3324)**

Conversions

Conversions Part 1

Format	Color
Hex	549437
RGB	84, 148, 55
RGB Percent	33%, 58%, 22%
CMY	0.6706, 0.4196, 0.7843
CMYK	0.43, 0.00, 0.63, 0.42
HSL	101°, 46%, 40%
HSV	101°, 63%, 58%
XYZ	14.9356, 23.3405, 7.3324
YIQ	118.2620, -8.2910, -42.4910

Conversions

Conversions Part 2

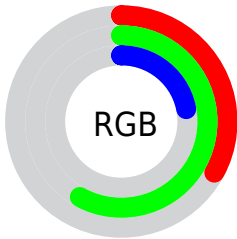
Format	Color
R_{YB}	55, 148, 119
Decimal	5542967
CIE _{Lab}	55.42, -38.04, 41.77
CIE _{LCh}	55, 56.494, 132.321
Yxy	23.3405, 0.3275, 0.5118
Android (android.graphics.Color)	4283733047 (0xFF549437)
YUV	118.2620, -31.1882, -30.0478
Hunter-Lab	48.3120, -29.3629, 24.8199

Details

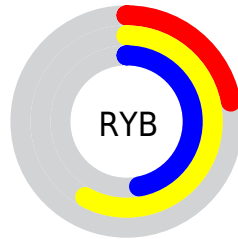
The XYZ color **14.9356, 23.3405, 7.3324** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **14.3206, 8.7933, 28.9609**, and the grayscale version is **17.3993, 18.3054, 19.9345**.

A 20% lighter version of the original color is **34.4387, 49.1558, 21.3086**, and **4.7536, 8.7963, 1.4473** is the 20% darker color. If you saturate the color by 10%, you get **13.7866, 22.7839, 5.6967**, and if you desaturate by 10%, it is **16.3248, 24.0100, 9.5358**.

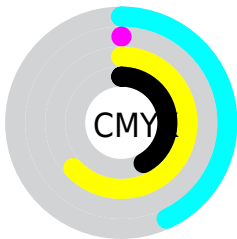
Distribution



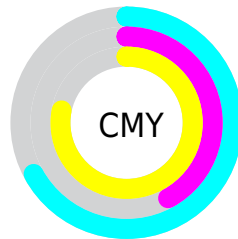
- Red (33%)
- Green (58%)
- Blue (22%)



- Red (22%)
- Yellow (58%)
- Blue (47%)



- Cyan (43%)
- Magenta (0%)
- Yellow (63%)
- Black (42%)



- Cyan (67%)
- Magenta (42%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.9356, 23.3405, 7.3324 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 14.9356, 23.3405, 7.3324 by changing the saturation by 10% instead.

■ 14.9356, 23.3405,
7.3324

■ 14.9356, 23.3405,
7.3324

216.3722,
269.4691, 180.1322

■ 8.8602, 14.8451,
3.5893

■ 34.3127, 48.9518,
21.1630

■ 4.7065, 8.7108,
1.4028

■ 48.3452, 66.8366,
32.0875

■ 2.1091, 4.5530,
0.1439

■ 65.7608, 88.6199,
46.2430

■ 0.6941, 1.9875,
0.0000

■ 86.9248, 114.6862,
64.0478

■ 0.0000, 0.6002,
0.0000

■ 112.2026,
145.4199, 85.9206

■ 0.0000, 0.0000,
0.0000

■ 141.9595,

181.2053, 112.2799

176.5609,
222.4269, 143.5443

■ 14.9356, 23.3405,
7.3324

■ 14.9356, 23.3405,
7.3324

■ 13.7866, 22.7839,
5.6967

■ 16.3248, 24.0100,
9.5358

■ 12.8605, 22.3303,
4.5750

■ 17.9664, 24.7957,
12.3511

■ 12.1401, 21.9730,
3.9060

■ 19.8740, 25.7043,
15.8198

■ 11.7237, 21.7651,
3.5832

■ 22.0592, 26.7410,
19.9794

■ 24.5333, 27.9109,
24.8647

■ 27.3067, 29.2186,
30.5079

■ 30.3894, 30.6686,
36.9394

■ 33.7908, 32.2652,
44.1880

■ 37.5200, 34.0124,
52.2809

Harmonies

Analogous

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



19.6791, 23.3405, 4.2695



14.9356, 23.3405, 7.3324



12.4639, 23.3405, 16.2026

Triad

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



14.9356, 23.3405, 7.3324



18.6782, 23.3405, 75.4298



36.3836, 23.3405, 18.6569

Complementary

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



14.9356, 23.3405, 7.3324



14.3206, 8.7933, 28.9609

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.



35.9741, 23.3405, 37.5851



14.9356, 23.3405, 7.3324



24.8939, 23.3405, 77.1914

Square

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



14.9356, 23.3405, 7.3324



14.3239, 23.3405, 56.9872



31.4653, 23.3405, 61.0413



32.4956, 23.3405, 8.3891

Rectangle

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



14.9356, 23.3405, 7.3324



12.0820, 23.3405, 26.8566



31.4653, 23.3405, 61.0413



36.7622, 23.3405, 24.0237

Sweetspot

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



14.9362, 23.3415, 7.3329



40.3711, 47.8675, 38.0834



19.4468, 19.6596, 6.3845



8.9639, 10.8079, 8.2011



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



14.9362, 23.3415, 7.3329



23.6822, 39.8855, 9.2266



13.3376, 22.4617, 9.7725



5.8896, 6.5509, 6.1945



10.0389, 18.6031, 3.0617



0.1505, 0.2419, 0.0388

Inverse Universe

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



14.3206, 8.7933, 28.9609



22.4290, 12.0307, 50.5746



17.6732, 10.6663, 22.5834



5.8612, 5.8194, 7.2841



9.2609, 4.2467, 24.2626



0.1438, 0.0677, 0.2984

Previews

White Background



This preview shows how the XYZ color 14.9356, 23.3405, 7.3324 looks on a white 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

Black Background



This preview shows how the XYZ color 14.9356, 23.3405, 7.3324 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 × Fail

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

XYZ 14.9356, 23.3405, 7.3324

Background



This preview shows how black text looks on a background with the XYZ color 14.9356, 23.3405, 7.3324.



This preview shows how white text looks on a background with the XYZ color 14.9356, 23.3405,

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

14.9356, 23.3405, 7.3324

Protanopia

20.8596, 22.9359, 6.3453

Deuteranopia

23.4346, 23.0560, 7.7726



Tritanopia

19.9932, 23.3766, 32.3125

Trichromacy



Original Color

14.9356, 23.3405, 7.3324

Protanomaly

18.0205, 22.7100, 6.6825

Deuteranomaly

19.1460, 22.4343, 7.4588

Tritanomaly

17.3836, 22.9635, 19.7358

Monochromacy



Original Color

14.9356, 23.3405, 7.3324

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

15.8597, 19.5909, 13.7720

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.9356, 23.3405, 7.3324 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(84, 148, 55)` looks like.

```
.text, #text, p{  
    color:rgb(84, 148, 55)  
}
```

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(84, 148, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 148, 55) }
```

Border

The CSS property to change the border of an element to XYZ 14.9356, 23.3405, 7.3324 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(84, 148, 55) }
```


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

```
.border{ border-color:rgb(84, 148, 55) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 148, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 148, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 148, 55);  
box-shadow:4px 4px 4px 4px rgb(84, 148,  
55) }
```

Background

The CSS property to change the background color of an element to XYZ 14.9356, 23.3405, 7.3324 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 148, 55) }
```

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

```
.background{ background-color: rgb(84, 148,  
55) }
```

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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