

Converting Colors

XYZ(9.5244, 14.1046, 7.2966)

Have a look what the booklet for
XYZ(9.5244, 14.1046, 7.2966)
contains.

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Color

**XYZ(9.5143, 14.0657,
7.2145)**

Conversions

Conversions Part 1

Format	Color
Hex	437441
RGB	67, 116, 65
RGB Percent	26%, 45%, 25%
CMY	0.7372, 0.5451, 0.7451
CMYK	0.42, 0.00, 0.44, 0.55
HSL	118°, 28%, 35%
HSV	118°, 44%, 45%
XYZ	9.5143, 14.0657, 7.2145
YIQ	95.5350, -12.8330, -26.2490

Conversions

Conversions Part 2

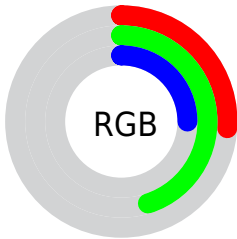
Format	Color
RYB	65, 116, 114
Decimal	4420673
CIELab	44.33, -27.87, 23.08
CIELCh	44, 36.189, 140.372
Yxy	14.0657, 0.3090, 0.4568
Android (android.graphics.Color)	4282610753 (0xFF437441)
YUV	95.5350, -15.0538, -25.0252
Hunter-Lab	37.5043, -20.3496, 14.8477

Details

The XYZ color **9.5143, 14.0657, 7.2145** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **11.9826, 8.6193, 17.5558**, and the grayscale version is **11.0435, 11.6186, 12.6527**.

A 20% lighter version of the original color is **24.5111, 33.0717, 21.0112**, and **2.3471, 4.1750, 1.3440** is the 20% darker color. If you saturate the color by 10%, you get **8.5204, 13.5886, 5.5905**, and if you desaturate by 10%, it is **10.7251, 14.6474, 9.2096**.

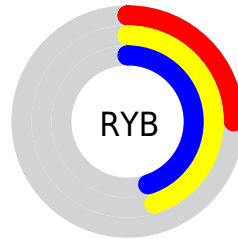
Distribution



Red (26%)

Green (45%)

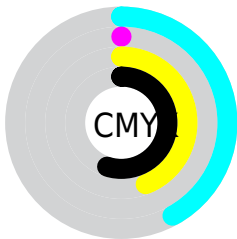
Blue (25%)



Red (25%)

Yellow (45%)

Blue (45%)

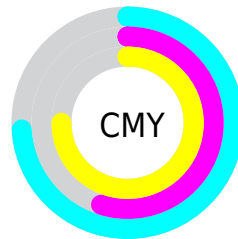


Cyan (42%)

Magenta (0%)

Yellow (44%)

Black (55%)



Cyan (74%)

Magenta (55%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 9.5143, 14.0657, 7.2145 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 9.5143, 14.0657, 7.2145 by changing the saturation by 10% instead.

■ 9.5143, 14.0657,
7.2145

■ 9.5143, 14.0657,
7.2145

181.2966,
217.6392, 179.1323

■ 5.1379, 8.1664,
3.5161

■ 24.5359, 33.2056,
20.9236

■ 2.3640, 4.2016,
1.3638

■ 35.9118, 47.2149,
31.7715

■ 0.8271, 1.7870,
0.1133

■ 50.3517, 64.6963,
45.8395

■ 0.0000, 0.4790,
0.0000

■ 68.2207, 86.0343,
63.5464

■ 0.0000, 0.0000,
0.0000

■ 89.8844, 111.6132,
85.3105

■ 115.7080,

141.8173, 111.5505

146.0570,
177.0312, 142.6850

■ 9.5143, 14.0657,
7.2145

■ 9.5143, 14.0657,
7.2145

■ 8.5204, 13.5886,
5.5905

■ 10.7251, 14.6474,
9.2096

■ 7.7295, 13.2084,
4.3139

■ 12.1634, 15.3375,
11.5958

■ 7.1280, 12.9188,
3.3597


■ 13.8403, 16.1419,
14.3926


■ 6.7000, 12.7123,
2.6990

■ 15.7662, 17.0653,
17.6182


■ 6.4257, 12.5797,
2.2905


■ 17.9504, 18.1123,
21.2896

 6.3026, 12.5206,
2.0845

 20.4022, 19.2873,
25.4227

 23.1300, 20.5943,
30.0329

 26.1422, 22.0374,
35.1347

 29.4467, 23.6202,
40.7420

Harmonies

Analogous

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



11.5186, 14.0657, 4.6857



9.5143, 14.0657, 7.2145



8.5864, 14.0657, 12.7940

Triad

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



9.5143, 14.0657, 7.2145



12.4570, 14.0657, 37.1004



19.3141, 14.0657, 10.3972

Complementary

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



9.5143, 14.0657, 7.2145



11.9826, 8.6193, 17.5558

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.



19.6618, 14.0657, 18.1476



9.5143, 14.0657, 7.2145



15.4077, 14.0657, 35.7206

Square

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



9.5143, 14.0657, 7.2145



10.1156, 14.0657, 31.2215



18.1454, 14.0657, 27.9410



17.2545, 14.0657, 6.0076

Rectangle

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



9.5143, 14.0657, 7.2145



8.5958, 14.0657, 18.3771



18.1454, 14.0657, 27.9410



19.6456, 14.0657, 12.6137

Sweetspot

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



9.5147, 14.0663, 7.2148



24.5301, 28.4704, 25.6367



14.1126, 16.0062, 7.3469



5.7147, 6.7261, 5.8865



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.



9.5147, 14.0663, 7.2148



14.9180, 23.8573, 9.7315



10.1851, 14.3189, 11.4490



3.6527, 4.1044, 3.9420



7.0688, 14.0485, 2.3391



34.2772, 68.3723, 11.3906

Inverse Universe

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



11.9826, 8.6193, 17.5558



19.8669, 12.9193, 30.4911



11.0712, 8.2851, 11.3836



3.8131, 3.7510, 4.6133



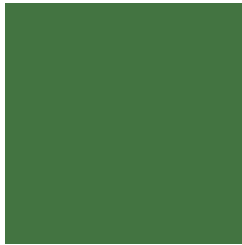
10.9546, 5.2387, 18.9764



53.2085, 25.4385, 92.4660

Previews

White Background



This preview shows how the XYZ color 9.5143, 14.0657, 7.2145 looks on a white background.

Color Contrast Check

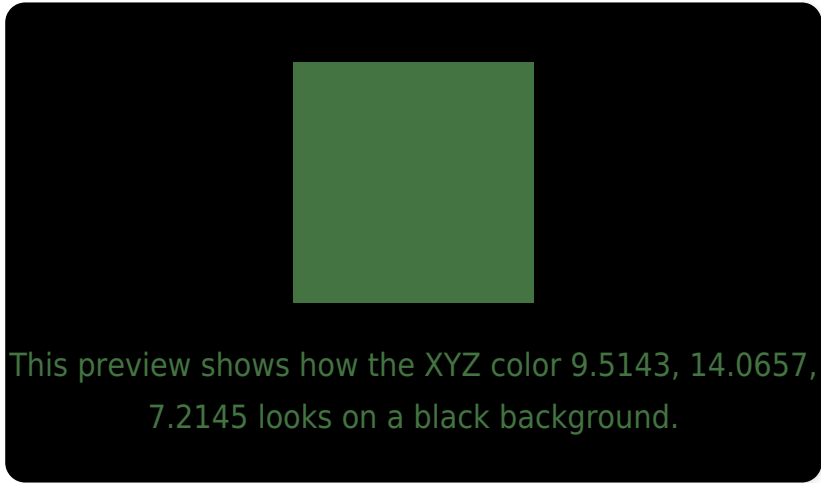
Large Text (above 18pt) WCAG AA ✓ Pass

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 9.5143, 14.0657, 7.2145

Background



This preview shows how black text looks on a background with the XYZ color 9.5143, 14.0657, 7.2145.



This preview shows how white text looks on a background with the XYZ color 9.5143, 14.0657,

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

9.5143, 14.0657, 7.2145

Protanopia

12.7320, 13.8150, 6.4104

Deuteranopia

14.0888, 13.9040, 7.5714



Tritanopia

12.0476, 14.1035, 19.5400

Trichromacy



Original Color

9.5143, 14.0657, 7.2145

Protanomaly

11.1618, 13.6143, 6.5970

Deuteranomaly

11.9063, 13.6685, 7.4796

Tritanomaly

10.8703, 13.9450, 13.9231

Monochromacy



Original Color

9.5143, 14.0657, 7.2145

Achromatopsia

11.1181, 11.6971, 12.7381

Achromatomaly

10.2363, 12.2877, 10.4266

CSS Examples

Text

The CSS property to change the color of the text to XYZ 9.5143, 14.0657, 7.2145 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(67, 116, 65)` looks like.

```
.text, #text, p{  
    color:rgb(67, 116, 65)  
}
```

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(67, 116, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 116, 65) }
```

Border

The CSS property to change the border of an element to XYZ 9.5143, 14.0657, 7.2145 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(67, 116, 65) }
```


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

```
.border{ border-color:rgb(67, 116, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(67, 116, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 116, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 116, 65);  
box-shadow:4px 4px 4px 4px rgb(67, 116,  
65) }
```

Background

The CSS property to change the background color of an element to XYZ 9.5143, 14.0657, 7.2145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 116, 65) }
```

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

```
.background{ background-color: rgb(67, 116,  
65) }
```

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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