

Converting Colors

XYZ(9.6272, 14.3387, 8.5916)

Have a look what the booklet for
XYZ(9.6272, 14.3387, 8.5916)
contains.

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Color

**XYZ(9.5505, 14.2278,
8.5462)**

Conversions

Conversions Part 1

Format	Color
Hex	3E7549
RGB	62, 117, 73
RGB Percent	24%, 46%, 29%
CMY	0.7569, 0.5412, 0.7137
CMYK	0.47, 0.00, 0.38, 0.54
HSL	132°, 31%, 35%
HSV	132°, 47%, 46%
XYZ	9.5505, 14.2278, 8.5462
YIQ	95.5390, -18.6560, -25.3440

Conversions

Conversions Part 2

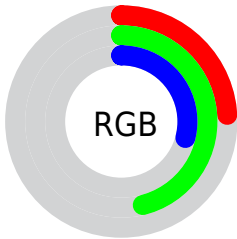
Format	Color
R_{YB}	62, 108, 117
Decimal	4093257
CIE _{Lab}	44.56, -28.57, 18.78
CIE _{LCh}	45, 34.192, 146.687
Yxy	14.2278, 0.2955, 0.4402
Android (android.graphics.Color)	4282283337 (0xFF3E7549)
YUV	95.5390, -11.1117, -29.4137
Hunter-Lab	37.7198, -20.8140, 12.9704

Details

The XYZ color **9.5505, 14.2278, 8.5462** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **11.6607, 8.2680, 14.6174**, and the grayscale version is **11.0362, 11.6110, 12.6443**.

A 20% lighter version of the original color is **24.6976, 33.6653, 23.6087**, and **2.3769, 4.2697, 1.7975** is the 20% darker color. If you saturate the color by 10%, you get **8.6071, 13.7750, 7.0023**, and if you desaturate by 10%, it is **10.6994, 14.7819, 10.3442**.

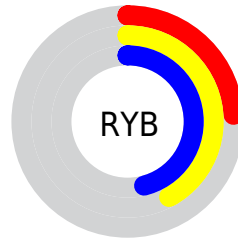
Distribution



Red (24%)

Green (46%)

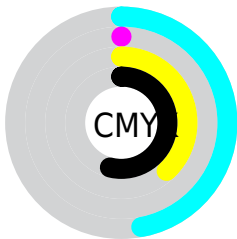
Blue (29%)



Red (24%)

Yellow (42%)

Blue (46%)

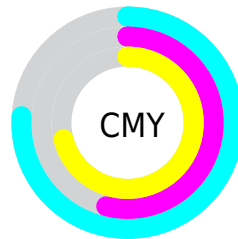


Cyan (47%)

Magenta (0%)

Yellow (38%)

Black (54%)



Cyan (76%)

Magenta (54%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 9.5505, 14.2278, 8.5462 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 9.5505, 14.2278, 8.5462 by changing the saturation by 10% instead.

■ 9.5505, 14.2278,
8.5462

■ 9.5505, 14.2278,
8.5462

181.5546,
218.6434, 190.0472

■ 5.1619, 8.2793,
4.3536

■ 24.6040, 33.4927,
23.5861

■ 2.3783, 4.2742,
1.8213

■ 35.9996, 47.5778,
35.2704

■ 0.8343, 1.8281,
0.4419

■ 50.4615, 65.1440,
50.2892

■ 0.0000, 0.5046,
0.0000

■ 68.3552, 86.5755,
69.0608

■ 0.0000, 0.0000,
0.0000

■ 90.0461, 112.2568,
92.0039

■ 115.8993,

142.5723, 119.5370

146.2804,
177.9064, 152.0786

■ 9.5505, 14.2278,
8.5462

■ 9.5505, 14.2278,
8.5462

■ 8.6071, 13.7750,
7.0023

■ 10.6994, 14.7819,
10.3442

■ 7.8557, 13.4157,
5.7002

■ 12.0640, 15.4411,
12.4061

■ 7.2831, 13.1437,
4.6278

■ 13.6551, 16.2113,
14.7423

■ 6.8736, 12.9511,
3.7717

■ 15.4825, 17.0973,
17.3624

■ 6.5941, 12.8213,
3.1163

■ 17.5552, 18.1035,
20.2754

■ 6.5203, 12.7867,
2.9563

■ 19.8822, 19.2343,
23.4901

■ 22.4715, 20.4938,
27.0147

■ 25.3311, 21.8859,
30.8574

■ 28.4685, 23.4143,
35.0258

Harmonies

Analogous

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



11.2740, 14.2278, 5.4842



9.5505, 14.2278, 8.5462



8.8813, 14.2278, 14.6287

Triad

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



9.5505, 14.2278, 8.5462



13.2183, 14.2278, 36.1944



18.8486, 14.2278, 9.6123

Complementary

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



9.5505, 14.2278, 8.5462



11.6607, 8.2680, 14.6174

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.



19.5524, 14.2278, 16.3879



9.5505, 14.2278, 8.5462



16.0530, 14.2278, 33.4566

Square

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



9.5505, 14.2278, 8.5462



10.8094, 14.2278, 32.0086



18.4680, 14.2278, 25.4438



16.6567, 14.2278, 5.9361

Rectangle

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



9.5505, 14.2278, 8.5462



9.0447, 14.2278, 20.2857



18.4680, 14.2278, 25.4438



19.2789, 14.2278, 11.5195

Sweetspot

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



9.5509, 14.2284, 8.5465



25.2757, 29.4279, 27.5900



13.1752, 16.1353, 6.9775



5.6869, 6.7057, 6.1637



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.



9.5509, 14.2284, 8.5465



15.3462, 24.6344, 12.4277



10.6729, 14.6772, 14.4548



3.6678, 4.1091, 4.0847



7.1787, 14.0855, 3.2310



34.7299, 68.5392, 14.4145

Inverse Universe

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



11.6607, 8.2680, 14.6174



19.5973, 12.5985, 24.6405



10.4523, 7.7847, 8.2540



3.7968, 3.7460, 4.4565



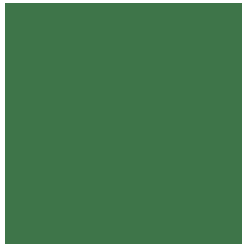
10.2836, 5.0471, 11.9674



49.8043, 24.4718, 56.6919

Previews

White Background



This preview shows how the XYZ color 9.5505, 14.2278, 8.5462 looks on a white background.

Color Contrast Check

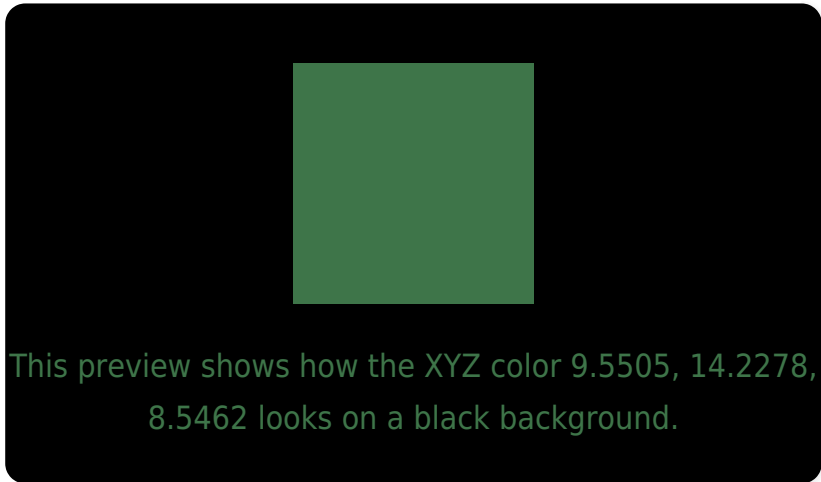
Large Text (above 18pt) WCAG AA ✓ Pass

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 9.5505, 14.2278, 8.5462

Background



This preview shows how black text looks on a background with the XYZ color 9.5505, 14.2278, 8.5462.



This preview shows how white text looks on a background with the XYZ color 9.5505, 14.2278,

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

9.5505, 14.2278, 8.5462

Protanopia

13.0344, 14.0979, 7.5030

Deuteranopia

14.3054, 14.1283, 8.9942



Tritanopia

11.8223, 14.1414, 19.8758

Trichromacy



Original Color

9.5505, 14.2278, 8.5462

Protanomaly

11.2934, 13.8124, 7.8652

Deuteranomaly

11.9290, 13.8039, 8.8732

Tritanomaly

10.8076, 14.0547, 14.9752

Monochromacy



Original Color

9.5505, 14.2278, 8.5462

Achromatopsia

11.1181, 11.6971, 12.7381

Achromatomaly

10.3679, 12.4900, 11.0969

CSS Examples

Text

The CSS property to change the color of the text to XYZ 9.5505, 14.2278, 8.5462 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(62, 117, 73)` looks like.

```
.text, #text, p{  
    color:rgb(62, 117, 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(62, 117, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 117, 73) }
```

Border

The CSS property to change the border of an element to XYZ 9.5505, 14.2278, 8.5462 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(62, 117, 73) }
```


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

```
.border{ border-color:rgb(62, 117, 73) }
```

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

Here you see how a box with a 4 pixel rgb(62, 117, 73) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 117, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 117, 73);  
box-shadow:4px 4px 4px 4px rgb(62, 117,  
73) }
```

Background

The CSS property to change the background color of an element to XYZ 9.5505, 14.2278, 8.5462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 117, 73) }
```

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

```
.background{ background-color: rgb(62, 117,  
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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