

Converting Colors

XYZ(10.4329, 14.4123, 9.4088)

Have a look what the booklet for
XYZ(10.4329, 14.4123, 9.4088)
contains.

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Color

**XYZ(10.5222, 14.5367,
9.4590)**

Conversions

Conversions Part 1

Format	Color
Hex	4B744E
RGB	75, 116, 78
RGB Percent	29%, 45%, 31%
CMY	0.7059, 0.5451, 0.6941
CMYK	0.35, 0.00, 0.33, 0.55
HSL	124°, 21%, 37%
HSV	124°, 35%, 45%
XYZ	10.5222, 14.5367, 9.4590
YIQ	99.4090, -12.2380, -20.5100

Conversions

Conversions Part 2

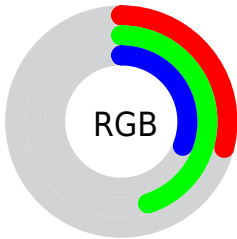
Format	Color
RYB	75, 113, 116
Decimal	4944974
CIELab	44.99, -22.82, 16.58
CIELCh	45, 28.208, 143.994
Yxy	14.5367, 0.3048, 0.4211
Android (android.graphics.Color)	4283135054 (0xFF4B744E)
YUV	99.4090, -10.5546, -21.4067
Hunter-Lab	38.1270, -17.4603, 11.9796

Details

The XYZ color **10.5222, 14.5367, 9.4590** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **12.6997, 9.9377, 16.8723**, and the grayscale version is **11.9914, 12.6159, 13.7387**.

A 20% lighter version of the original color is **26.2908, 33.8975, 25.2359**, and **2.7337, 4.3571, 2.1358** is the 20% darker color. If you saturate the color by 10%, you get **9.3419, 13.9696, 7.5536**, and if you desaturate by 10%, it is **11.9318, 15.2156, 11.7048**.

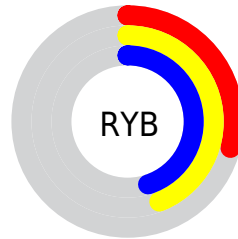
Distribution



Red (29%)

Green (45%)

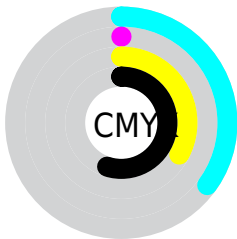
Blue (31%)



Red (29%)

Yellow (44%)

Blue (45%)

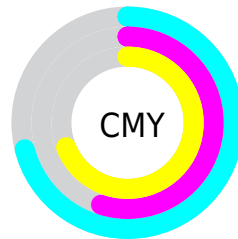


Cyan (35%)

Magenta (0%)

Yellow (33%)

Black (55%)



Cyan (71%)

Magenta (55%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.5222, 14.5367, 9.4590 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 10.5222, 14.5367, 9.4590 by changing the saturation by 10% instead.

■ 10.5222, 14.5367,
9.4590

■ 10.5222, 14.5367,
9.4590

188.3363,
220.5446, 197.1085

■ 5.8114, 8.4949,
4.9409

■ 26.4140, 34.0383,
25.3645

■ 2.7703, 4.4132,
2.1545

■ 38.3258, 48.2669,
37.5891

■ 1.0335, 1.9073,
0.6479

■ 53.3687, 65.9933,
53.2194

■ 0.0000, 0.5528,
0.0000

■ 71.9080, 87.6017,
72.6742

■ 0.0000, 0.0000,
0.0000

■ 94.3090, 113.4767,
96.3720

120.9372,

144.0026, 124.7313

152.1578,
179.5637, 158.1706

■ 10.5222, 14.5367,
9.4590

■ 10.5222, 14.5367,
9.4590

■ 9.3419, 13.9696,
7.5536

■ 11.9318, 15.2156,
11.7048

■ 8.3777, 13.5065,
5.9711

■ 13.5807, 16.0098,
14.3055

■ 7.6167, 13.1418,
4.6939

■ 15.4798, 16.9250,
17.2758

■ 7.0444, 12.8681,
3.7023

■ 17.6389, 17.9660,
20.6294

■ 6.6443, 12.6775,
2.9743

■ 20.0672, 19.1374,
24.3793

■ 6.3891, 12.5565,
2.4846

■ 22.7736, 20.4434,
28.5379

■ 6.2922, 12.5099,
2.3268

■ 25.7666, 21.8880,
33.1169

■ 29.0541, 23.4753,
38.1277

■ 32.6440, 25.2090,
43.5812

Harmonies

Analogous

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



12.0860, 14.5367, 6.8103



10.5222, 14.5367, 9.4590



9.8489, 14.5367, 14.5324

Triad

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



10.5222, 14.5367, 9.4590



13.3566, 14.5367, 32.1746



18.2910, 14.5367, 11.1930

Complementary

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



10.5222, 14.5367, 9.4590



12.6997, 9.9377, 16.8723

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.



18.7284, 14.5367, 17.1984



10.5222, 14.5367, 9.4590



15.7052, 14.5367, 30.5488

Square

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



10.5222, 14.5367, 9.4590



11.3637, 14.5367, 28.5292



17.7357, 14.5367, 24.5584



16.5995, 14.5367, 7.5984

Rectangle

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



10.5222, 14.5367, 9.4590



9.9350, 14.5367, 19.1122



17.7357, 14.5367, 24.5584



18.5969, 14.5367, 12.9434

Sweetspot

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



10.5226, 14.5373, 9.4593



25.1750, 28.7692, 27.1890



14.3604, 16.5279, 9.0901



5.9250, 6.8243, 6.3597



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.



10.5226, 14.5373, 9.4593



16.8599, 24.7661, 13.9906



11.3631, 14.8735, 13.8855



3.6505, 4.1022, 3.9934



7.0578, 14.0371, 2.5947



34.2661, 68.3537, 11.9722

Inverse Universe

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



12.6997, 9.9377, 16.8723



21.2648, 15.4555, 28.9857



11.6844, 9.5317, 11.5261



3.8156, 3.7535, 4.5559



11.0885, 5.3691, 16.2059



53.8992, 26.1098, 78.2554

Previews

White Background



This preview shows how the XYZ color 10.5222, 14.5367, 9.4590 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



This preview shows how the XYZ color 10.5222, 14.5367, 9.4590 looks on a 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 10.5222, 14.5367, 9.4590

Background



This preview shows how black text looks on a background with the XYZ color 10.5222, 14.5367, 9.4590.



This preview shows how white text looks on a background with the XYZ color 10.5222, 14.5367,

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

10.5222, 14.5367, 9.4590

Protanopia

13.4603, 14.4473, 8.5577

Deuteranopia

14.6940, 14.4568, 9.8006



Tritanopia

12.6419, 14.5639, 19.9141

Trichromacy



Original Color

10.5222, 14.5367, 9.4590

Protanomaly

12.1015, 14.3692, 8.7923

Deuteranomaly

12.7691, 14.2204, 9.6612

Tritanomaly

11.7632, 14.5356, 15.5503

Monochromacy



Original Color

10.5222, 14.5367, 9.4590

Achromatopsia

11.8596, 12.4772, 13.5877

Achromatomaly

11.1564, 13.0321, 11.8250

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.5222, 14.5367, 9.4590 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(75, 116, 78)` looks like.

```
.text, #text, p{  
    color:rgb(75, 116, 78)  
}
```

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(75, 116, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 116, 78) }
```

Border

The CSS property to change the border of an element to XYZ 10.5222, 14.5367, 9.4590 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(75, 116, 78) }
```


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

```
.border{ border-color:rgb(75, 116, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 116, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 116, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 116, 78);  
box-shadow:4px 4px 4px 4px rgb(75, 116,  
78) }
```

Background

The CSS property to change the background color of an element to XYZ 10.5222, 14.5367, 9.4590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 116, 78) }
```

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

```
.background{ background-color: rgb(75, 116,  
78) }
```

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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