

Converting Colors

XYZ(10.1249, 13.8110, 9.1894)

Have a look what the booklet for
XYZ(10.1249, 13.8110, 9.1894)
contains.

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Color

**XYZ(10.1463, 13.8419,
9.1582)**

Conversions

Conversions Part 1

Format	Color
Hex	4B714D
RGB	75, 113, 77
RGB Percent	29%, 44%, 30%
CMY	0.7059, 0.5569, 0.6980
CMYK	0.34, 0.00, 0.32, 0.56
HSL	123°, 20%, 37%
HSV	123°, 34%, 44%
XYZ	10.1463, 13.8419, 9.1582
YIQ	97.5340, -11.0920, -19.2520

Conversions

Conversions Part 2

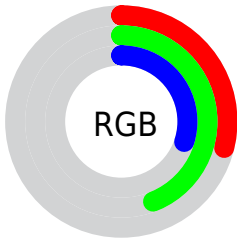
Format	Color
RYB	75, 111, 113
Decimal	4944205
CIELab	44.01, -21.46, 15.83
CIELCh	44, 26.662, 143.582
Yxy	13.8419, 0.3061, 0.4176
Android (android.graphics.Color)	4283134285 (0xFF4B714D)
YUV	97.5340, -10.1233, -19.7623
Hunter-Lab	37.2047, -16.4285, 11.4486

Details

The XYZ color **10.1463, 13.8419, 9.1582** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **12.1958, 9.6908, 16.2670**, and the grayscale version is **11.5204, 12.1203, 13.1990**.

A 20% lighter version of the original color is **25.6785, 32.7766, 24.7118**, and **2.6299, 4.1318, 2.0254** is the 20% darker color. If you saturate the color by 10%, you get **8.9924, 13.2876, 7.2910**, and if you desaturate by 10%, it is **11.5202, 14.5032, 11.3611**.

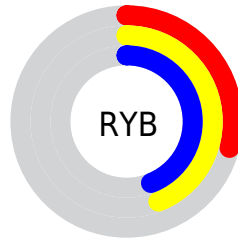
Distribution



Red (29%)

Green (44%)

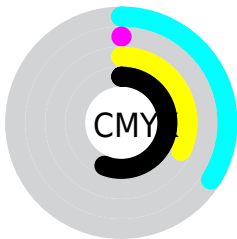
Blue (30%)



Red (29%)

Yellow (44%)

Blue (44%)

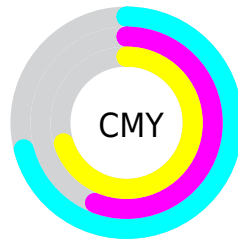


Cyan (34%)

Magenta (0%)

Yellow (32%)

Black (56%)



Cyan (71%)

Magenta (56%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.1463, 13.8419, 9.1582 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 10.1463, 13.8419, 9.1582 by changing the saturation by 10% instead.

■ 10.1463, 13.8419,
9.1582

■ 10.1463, 13.8419,
9.1582

185.7449,
216.2451, 194.8150

■ 5.5591, 8.0108,
4.7463

■ 25.7175, 32.8082,
24.7822

■ 2.6170, 4.1019,
2.0431

■ 37.4322, 46.7123,
36.8314

■ 0.9546, 1.7307,
0.5816

■ 52.2534, 64.0760,
52.2634

■ 0.0000, 0.4434,
0.0000

■ 70.5465, 85.2840,
71.4968

■ 0.0000, 0.0000,
0.0000

■ 92.6769, 110.7204,
94.9501

119.0098,

140.7698, 123.0419

149.9107,
175.8166, 156.1907

■ 10.1463, 13.8419,
9.1582

■ 10.1463, 13.8419,
9.1582

■ 8.9924, 13.2876,
7.2910

■ 11.5202, 14.5032,
11.3611

■ 8.0461, 12.8330,
5.7421

■ 13.1235, 15.2749,
13.9141

■ 7.2953, 12.4728,
4.4941


■ 14.9665, 16.1624,
16.8318


■ 6.7263, 12.2003,
3.5275


■ 17.0584, 17.1700,
20.1278


■ 6.3237, 12.0080,
2.8203


■ 19.4081, 18.3021,
23.8149


 6.0667, 11.8857,
2.3475

 22.0238, 19.5627,
27.9053

 5.9380, 11.8238,
2.1401

 24.9136, 20.9558,
32.4108

 28.0851, 22.4849,
37.3426

 31.5457, 24.1536,
42.7114

Harmonies

Analogous

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



11.5948, 13.8419, 6.7160



10.1463, 13.8419, 9.1582



9.5132, 13.8419, 13.8061

Triad

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



10.1463, 13.8419, 9.1582



12.7067, 13.8419, 29.8695



17.2486, 13.8419, 10.8739

Complementary

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



10.1463, 13.8419, 9.1582



12.1958, 9.6908, 16.2670

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.



17.6278, 13.8419, 16.4119



10.1463, 13.8419, 9.1582



14.8521, 13.8419, 28.4717

Square

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



10.1463, 13.8419, 9.1582



10.8857, 13.8419, 26.5273



16.7095, 13.8419, 23.1015



15.7226, 13.8419, 7.5049

Rectangle

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



10.1463, 13.8419, 9.1582



9.5845, 13.8419, 17.9769



16.7095, 13.8419, 23.1015



17.5207, 13.8419, 12.4973

Sweetspot

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



10.1467, 13.8425, 9.1585



24.5598, 27.8621, 26.5971



13.7438, 15.7049, 8.9636



5.6004, 6.4053, 6.0251



55.7959, 58.7016, 63.9261



6.5000, 6.8385, 7.4471

Same Dimension

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



10.1467, 13.8425, 9.1585



16.5946, 24.0296, 13.8556



10.9138, 14.1494, 13.1984



3.3515, 3.7658, 3.6574



6.7330, 13.4107, 2.4149



33.4407, 66.7649, 11.5060

Inverse Universe

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



12.1958, 9.6908, 16.2670



20.8397, 15.4258, 28.5802



11.2626, 9.3175, 11.3533



3.5072, 3.4506, 4.1976



10.7360, 5.1868, 16.2176



53.3794, 25.7971, 80.2529

Previews

White Background



This preview shows how the XYZ color 10.1463, 13.8419, 9.1582 looks on a white background.

Color Contrast Check

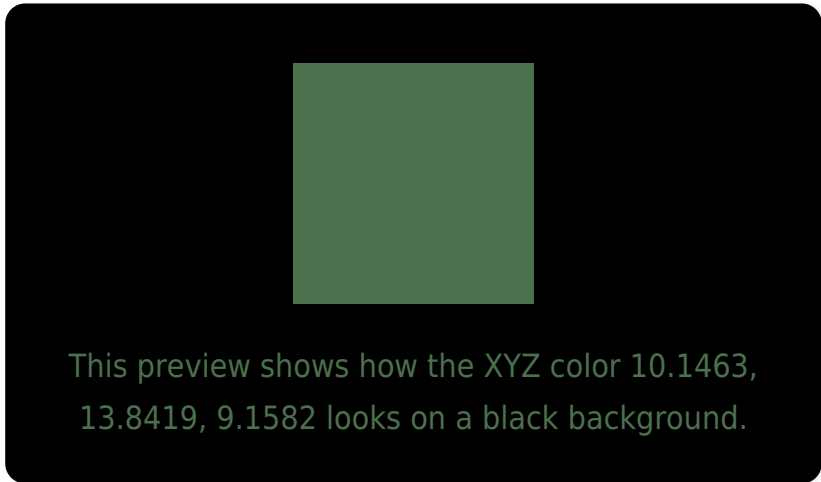
Large Text (above 18pt) WCAG AA ✓ Pass

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

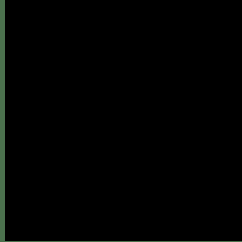
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 10.1463, 13.8419, 9.1582

Background



This preview shows how black text looks on a background with the XYZ color 10.1463, 13.8419, 9.1582.



This preview shows how white text looks on a background with the XYZ color 10.1463, 13.8419,

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

10.1463, 13.8419, 9.1582

Protanopia

12.8350, 13.8264, 8.2956

Deuteranopia

13.9358, 13.6404, 9.4878



Tritanopia

12.1407, 13.8485, 18.8628

Trichromacy



Original Color

10.1463, 13.8419, 9.1582

Protanomaly

11.6393, 13.6625, 8.5022

Deuteranomaly

12.1873, 13.4684, 9.3545

Tritanomaly

11.2825, 13.8166, 14.6426

Monochromacy



Original Color

10.1463, 13.8419, 9.1582

Achromatopsia

11.6093, 12.2139, 13.3009

Achromatomaly

10.9122, 12.6123, 11.5322

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.1463, 13.8419, 9.1582 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, 113, 77)` looks like.

```
.text, #text, p{  
    color:rgb(75, 113, 77)  
}
```

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, 113, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 113, 77) }
```

Border

The CSS property to change the border of an element to XYZ 10.1463, 13.8419, 9.1582 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, 113, 77) }
```


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

```
.border{ border-color:rgb(75, 113, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 113, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 113, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 113, 77);  
box-shadow:4px 4px 4px 4px rgb(75, 113,  
77) }
```

Background

The CSS property to change the background color of an element to XYZ 10.1463, 13.8419, 9.1582 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 113, 77) }
```

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

```
.background{ background-color: rgb(75, 113,  
77) }
```

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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