

Converting Colors

XYZ(14.1869, 9.7829, 10.3561)

Have a look what the booklet for
XYZ(14.1869, 9.7829, 10.3561)
contains.

XYZ(14.1864, 9.7486, 10.3665)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(14.1864, 9.7486,
10.3665)**

Conversions

Conversions Part 1

Format	Color
Hex	8B3F58
RGB	139, 63, 88
RGB Percent	55%, 25%, 35%
CMY	0.4549, 0.7529, 0.6549
CMYK	0.00, 0.55, 0.37, 0.45
HSL	340°, 38%, 40%
HSV	340°, 55%, 55%
XYZ	14.1864, 9.7486, 10.3665
YIQ	88.5740, 37.2710, 23.8870

Conversions

Conversions Part 2

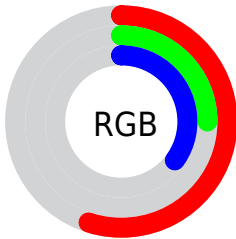
Format	Color
R_{YB}	139, 63, 88
Decimal	9125720
CIE _{Lab}	37.39, 35.11, 0.72
CIE _{LCh}	37, 35.114, 1.179
Yxy	9.7486, 0.4136, 0.2842
Android (android.graphics.Color)	4287315800 (0xFF8B3F58)
YUV	88.5740, -0.2830, 44.2236
Hunter-Lab	31.2227, 26.4636, 2.1706

Details

The XYZ color **14.1864, 9.7486, 10.3665** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **14.3203, 20.7371, 19.1687**, and the grayscale version is **9.3968, 9.8861, 10.7660**.

A 20% lighter version of the original color is **32.9982, 25.2473, 27.1788**, and **4.3935, 2.3922, 2.5157** is the 20% darker color. If you saturate the color by 10%, you get **13.1495, 8.2541, 8.2349**, and if you desaturate by 10%, it is **15.4677, 11.6526, 12.8237**.

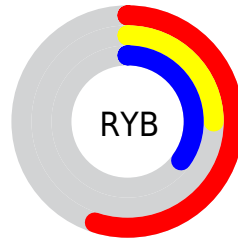
Distribution



Red (55%)

Green (25%)

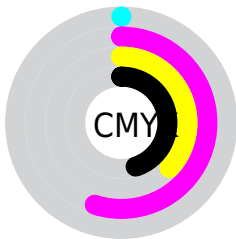
Blue (35%)



Red (55%)

Yellow (25%)

Blue (35%)

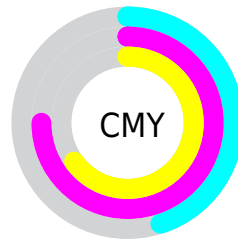


Cyan (0%)

Magenta (55%)

Yellow (37%)

Black (45%)



Cyan (45%)

Magenta (75%)

Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.1864, 9.7486, 10.3665 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 14.1864, 9.7486, 10.3665 by changing the saturation by 10% instead.


 14.1864, 9.7486,
10.3665


 14.1864, 9.7486,
10.3665


211.8748,
188.8683, 203.8471


 8.3330, 5.2326,
5.5339


 33.0029, 25.3216,
27.1011


 4.3623, 2.3844,
2.4996

 46.6967, 37.1473,
39.8402

 1.9091, 0.8178,
0.8400

 63.7347, 52.1784,
56.0518

 0.5821, 0.0000,
0.0000

 84.4823, 70.7993,
76.1545

 0.0000, 0.0000,
0.0000

 109.3047, 93.3943,
100.5669

 138.5673,

120.3479, 129.7074

172.6356,
152.0444, 163.9946

■ 14.1864, 9.7486,
10.3665

■ 14.1864, 9.7486,
10.3665

■ 13.1495, 8.2541,
8.2349

■ 15.4677, 11.6526,
12.8237

■ 12.3394, 7.1371,
6.4137

■ 17.0077, 13.9921,
15.6198

■ 11.7373, 6.3630,
4.8868

■ 18.8205, 16.7927,
18.7677

■ 11.3185, 5.8860,
3.6356

■ 20.9190, 20.0774,
22.2798

■ 11.1350, 5.6840,
3.0660

■ 23.3152, 23.8679,
26.1675

■ 26.0205, 28.1844,
30.4419

■ 29.0455, 33.0461,
35.1136

■ 32.4004, 38.4712,
40.1926

■ 36.0949, 44.4769,
45.6888

Harmonies

Analogous

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



13.5010, 9.7486, 17.6136



14.1864, 9.7486, 10.3665



13.3891, 9.7486, 5.4858

Triad

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



14.1864, 9.7486, 10.3665



7.2387, 9.7486, 3.2445



7.3677, 9.7486, 25.2112

Complementary

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



14.1864, 9.7486, 10.3665



14.3203, 20.7371, 19.1687

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.



6.0899, 9.7486, 18.2276



14.1864, 9.7486, 10.3665



6.0242, 9.7486, 5.7694

Square

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



14.1864, 9.7486, 10.3665



9.1787, 9.7486, 2.5126



5.6391, 9.7486, 10.8666



9.3533, 9.7486, 27.9810

Rectangle

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



14.1864, 9.7486, 10.3665



12.1873, 9.7486, 3.6844



5.6391, 9.7486, 10.8666



6.8530, 9.7486, 23.1708

Sweetspot

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



14.1867, 9.7491, 10.3667



36.7963, 34.9077, 38.7994



13.3343, 8.9748, 25.4555



8.3179, 7.7911, 8.6732



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



14.1867, 9.7491, 10.3667



23.1085, 14.1639, 13.7918



14.1066, 10.9715, 6.0776



5.0963, 5.0740, 5.5956



10.0572, 5.1330, 2.8057



0.0730, 0.0366, 0.0514

Inverse Universe

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



14.1867, 9.7491, 10.3667



23.1085, 14.1639, 13.7918



14.2140, 17.9282, 27.1373



5.0963, 5.0740, 5.5956



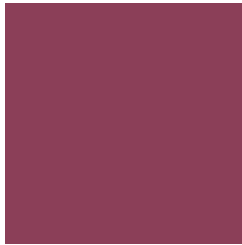
10.0572, 5.1330, 2.8057



0.0730, 0.0366, 0.0514

Previews

White Background



This preview shows how the XYZ color 14.1864, 9.7486, 10.3665 looks on a white background.

Color Contrast Check

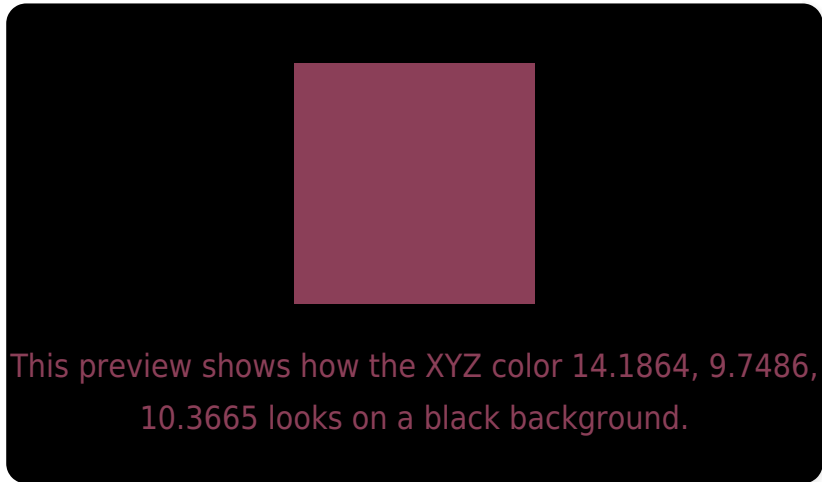
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

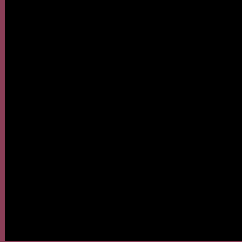
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.1864, 9.7486, 10.3665

Background



This preview shows how black text looks on a background with the XYZ color 14.1864, 9.7486, 10.3665.

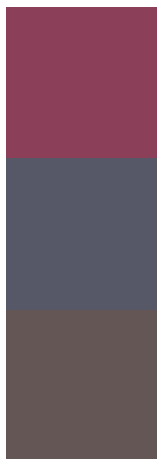


This preview shows how white text looks on a background with the XYZ color 14.1864, 9.7486,

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

14.1864, 9.7486, 10.3665

Protanopia

9.7757, 9.9372, 14.2348

Deuteranopia

10.0736, 9.9483, 9.7768



Tritanopia

13.5668, 9.7546, 7.1290

Trichromacy



Original Color

14.1864, 9.7486, 10.3665

Protanomaly

10.8263, 9.4771, 12.8139

Deuteranomaly

11.3035, 9.6821, 9.8674

Tritanomaly

13.7111, 9.7197, 8.1746

Monochromacy



Original Color

14.1864, 9.7486, 10.3665

Achromatopsia

9.4954, 9.9899, 10.8790

Achromatomaly

10.7352, 9.5844, 10.7354

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.1864, 9.7486, 10.3665 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(139, 63, 88)` looks like.

```
.text, #text, p{  
    color:rgb(139, 63, 88)  
}
```

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(139, 63, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 63, 88) }
```

Border

The CSS property to change the border of an element to XYZ 14.1864, 9.7486, 10.3665 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(139, 63, 88) }
```


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

```
.border{ border-color:rgb(139, 63, 88) }
```

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

Here you see how a box with a 4 pixel rgb(139, 63, 88) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 63, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 63, 88);  
box-shadow:4px 4px 4px 4px rgb(139, 63,  
88) }
```

Background

The CSS property to change the background color of an element to XYZ 14.1864, 9.7486, 10.3665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 63, 88) }
```

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

```
.background{ background-color: rgb(139, 63,  
88) }
```

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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