

Converting Colors

XYZ(9.3938, 10.5991, 8.7469)

Have a look what the booklet for
XYZ(9.3938, 10.5991, 8.7469)
contains.

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Color

**XYZ(9.4024, 10.6302,
8.7640)**

Conversions

Conversions Part 1

Format	Color
Hex	585E4E
RGB	88, 94, 78
RGB Percent	35%, 37%, 31%
CMY	0.6549, 0.6314, 0.6941
CMYK	0.06, 0.00, 0.17, 0.63
HSL	83°, 9%, 34%
HSV	83°, 17%, 37%
XYZ	9.4024, 10.6302, 8.7640
YIQ	90.3820, 1.5600, -6.2480

Conversions

Conversions Part 2

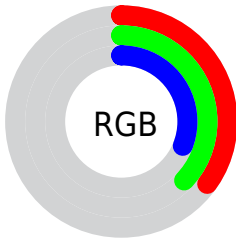
Format	Color
R_{YB}	78, 94, 84
Decimal	5791310
CIE Lab	38.95, -5.61, 8.39
CIE LCh	39, 10.093, 123.780
Yxy	10.6302, 0.3265, 0.3691
Android (android.graphics.Color)	4283981390 (0xFF585E4E)
YUV	90.3820, -6.1043, -2.0890
Hunter-Lab	32.6040, -5.5808, 6.8856

Details

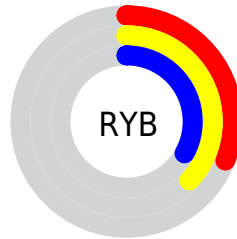
The XYZ color **9.4024, 10.6302, 8.7640** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **8.4013, 8.1420, 11.7190**, and the grayscale version is **9.8174, 10.3287, 11.2480**.

A 20% lighter version of the original color is **24.2853, 26.8821, 23.9875**, and **2.3419, 2.7430, 1.9194** is the 20% darker color. If you saturate the color by 10%, you get **8.7636, 10.3374, 7.0989**, and if you desaturate by 10%, it is **10.1061, 10.9515, 10.6842**.

Distribution



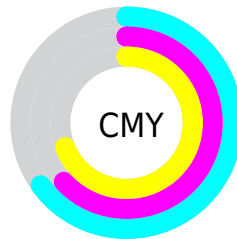
- Red (35%)
- Green (37%)
- Blue (31%)



- Red (31%)
- Yellow (37%)
- Blue (33%)



- Cyan (6%)
- Magenta (0%)
- Yellow (17%)
- Black (63%)



- Cyan (65%)
- Magenta (63%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 9.4024, 10.6302, 8.7640 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 9.4024, 10.6302, 8.7640 by changing the saturation by 10% instead.

■ 9.4024, 10.6302,
8.7640

■ 9.4024, 10.6302,
8.7640

180.4963,
195.1126, 191.7603

■ 5.0638, 5.8188,
4.4929

■ 24.3252, 26.9743,
24.0136

■ 2.3199, 2.7352,
1.8994

■ 35.6402, 39.2757,
35.8291

■ 0.8048, 0.9951,
0.4924

■ 50.0113, 54.8426,
50.9964

■ 0.0000, 0.0000,
0.0000

■ 67.8038, 74.0593,
69.9342

■ 89.3833, 97.3103,
93.0609

115.1149,

124.9799, 120.7952

145.3642,
157.4526, 153.5554

■ 9.4024, 10.6302,
8.7640

■ 9.4024, 10.6302,
8.7640

■ 8.7636, 10.3374,
7.0989

■ 10.1061, 10.9515,
10.6842

■ 8.1866, 10.0708,
5.6773

■ 10.8761, 11.3009,
12.8688

■ 7.6692, 9.8299,
4.4882

■ 11.7145, 11.6796,
15.3277

■ 7.2090, 9.6136,
3.5190

■ 12.6234, 12.0884,
18.0698

■ 6.8030, 9.4208,
2.7561

■ 13.6046, 12.5281,
21.1038

■ 6.4482, 9.2501,
2.1846

■ 14.6598, 12.9994,
24.4381

■ 6.1410, 9.1003,
1.7871

■ 15.7909, 13.5030,
28.0806

■ 5.8694, 8.9663,
1.5017

■ 16.9993, 14.0396,
32.0388

■ 5.7915, 8.9279,
1.4180

■ 18.2868, 14.6099,
36.3203

Harmonies

Analogous

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



10.0188, 10.6302, 8.2618



9.4024, 10.6302, 8.7640



8.9887, 10.6302, 10.0158

Triad

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



9.4024, 10.6302, 8.7640



9.5437, 10.6302, 15.2203



11.4481, 10.6302, 11.3323

Complementary

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



9.4024, 10.6302, 8.7640



8.4013, 8.1420, 11.7190

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.



11.3073, 10.6302, 13.2870



9.4024, 10.6302, 8.7640



10.1891, 10.6302, 15.6719

Square

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



9.4024, 10.6302, 8.7640



9.0677, 10.6302, 13.7555



10.8390, 10.6302, 14.9295



11.2158, 10.6302, 9.6371

Rectangle

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



9.4024, 10.6302, 8.7640



8.8733, 10.6302, 11.1783



10.8390, 10.6302, 14.9295



11.4429, 10.6302, 11.9799

Sweetspot

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



9.4027, 10.6307, 8.7642



17.9377, 19.2855, 19.3856



9.1516, 9.2501, 8.5110



4.2840, 4.6147, 4.6053



48.1978, 50.7079, 55.2208



4.4639, 4.6964, 5.1144

Same Dimension

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



9.4027, 10.6307, 8.7642



16.0478, 18.4231, 14.2457



8.6977, 10.2672, 8.7312



2.4252, 2.6479, 2.5096



7.9589, 12.3244, 1.9594



42.5775, 66.9703, 10.6825

Inverse Universe

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



8.4013, 8.1420, 11.7190



13.9735, 13.2676, 20.3670



9.1455, 8.5257, 11.7538



2.2925, 2.3181, 2.9011



3.7149, 1.5922, 14.7637



19.4225, 8.2443, 80.8033

Previews

White Background



This preview shows how the XYZ color 9.4024, 10.6302, 8.7640 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 9.4024, 10.6302, 8.7640 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

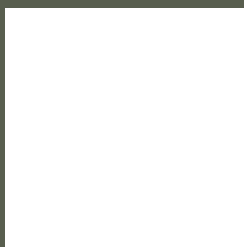
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 9.4024, 10.6302, 8.7640

Background



This preview shows how black text looks on a background with the XYZ color 9.4024, 10.6302, 8.7640.

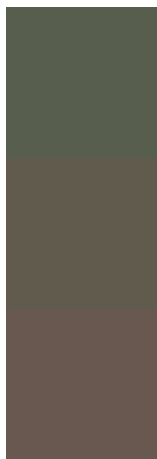


This preview shows how white text looks on a background with the XYZ color 9.4024, 10.6302, 8.7640.

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

9.4024, 10.6302, 8.7640

Protanopia

10.0104, 10.5594, 8.5317

Deuteranopia

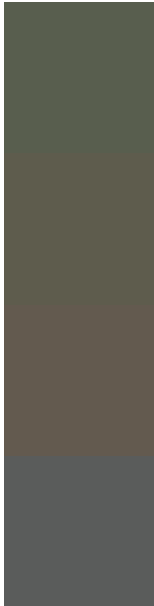
10.7267, 10.5472, 8.8676



Tritanopia

10.2601, 10.5882, 13.0582

Trichromacy



Original Color

9.4024, 10.6302, 8.7640

Protanomaly

9.7828, 10.5698, 8.5457

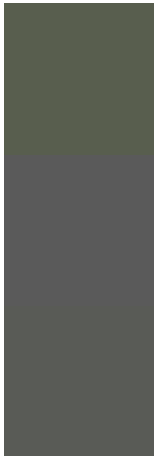
Deuteranomaly

10.2130, 10.5295, 8.8912

Tritanomaly

9.9319, 10.5833, 11.4168

Monochromacy



Original Color

9.4024, 10.6302, 8.7640

Achromatopsia

9.7181, 10.2242, 11.1341

Achromatomaly

9.5406, 10.2779, 10.2851

CSS Examples

Text

The CSS property to change the color of the text to XYZ 9.4024, 10.6302, 8.7640 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(88, 94, 78)` looks like.

```
.text, #text, p{  
  color:rgb(88, 94, 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(88, 94, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 94, 78) }
```

Border

The CSS property to change the border of an element to XYZ 9.4024, 10.6302, 8.7640 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(88, 94, 78) }
```


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

```
.border{ border-color:rgb(88, 94, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 94, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 94, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 94, 78);  
box-shadow:4px 4px 4px 4px rgb(88, 94, 78)  
}
```

Background

The CSS property to change the background color of an element to XYZ 9.4024, 10.6302, 8.7640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 94, 78) }
```

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

```
.background{ background-color: rgb(88, 94,  
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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