

Converting Colors

XYZ(11.3394, 12.4239, 9.4898)

Have a look what the booklet for
XYZ(11.3394, 12.4239, 9.4898)
contains.

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Color

**XYZ(11.4092, 12.4751,
9.5912)**

Conversions

Conversions Part 1

Format	Color
Hex	656451
RGB	101, 100, 81
RGB Percent	40%, 39%, 32%
CMY	0.6039, 0.6078, 0.6823
CMYK	0.00, 0.01, 0.20, 0.60
HSL	57°, 11%, 36%
HSV	57°, 20%, 40%
XYZ	11.4092, 12.4751, 9.5912
YIQ	98.1330, 6.6950, -5.6970

Conversions

Conversions Part 2

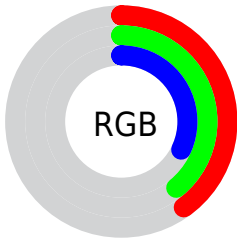
Format	Color
R_{YB}	82, 101, 81
Decimal	6644817
CIE _{Lab}	41.96, -3.19, 10.94
CIE _{LCh}	42, 11.400, 106.235
Yxy	12.4751, 0.3408, 0.3727
Android (android.graphics.Color)	4284834897 (0xFF656451)
YUV	98.1330, -8.4466, 2.5144
Hunter-Lab	35.3201, -4.1506, 8.6238

Details

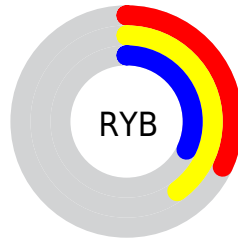
The XYZ color **11.4092, 12.4751, 9.5912** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **8.7596, 8.7234, 13.5341**, and the grayscale version is **11.6620, 12.2694, 13.3613**.

A 20% lighter version of the original color is **28.0448, 30.4203, 25.5127**, and **3.1129, 3.4579, 2.1724** is the 20% darker color. If you saturate the color by 10%, you get **11.0103, 12.2388, 7.7266**, and if you desaturate by 10%, it is **11.8655, 12.7356, 11.7532**.

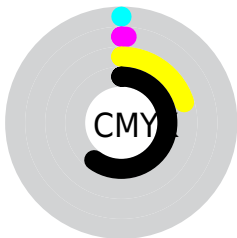
Distribution



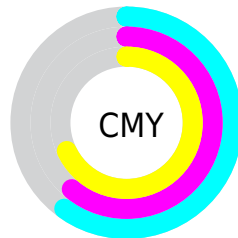
- Red (40%)
- Green (39%)
- Blue (32%)



- Red (32%)
- Yellow (40%)
- Blue (32%)



- Cyan (0%)
- Magenta (1%)
- Yellow (20%)
- Black (60%)



- Cyan (60%)
- Magenta (61%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.4092, 12.4751, 9.5912 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 11.4092, 12.4751, 9.5912 by changing the saturation by 10% instead.

■ 11.4092, 12.4751,
9.5912

■ 11.4092, 12.4751,
9.5912

194.3047,
207.5257, 198.1066

■ 6.4121, 7.0681,
5.0267

■ 28.0407, 30.3575,
25.6194

■ 3.1403, 3.5047,
2.2039

■ 40.4058, 43.6017,
37.9202

■ 1.2284, 1.4006,
0.6766

■ 55.9576, 60.2271,
53.6368

■ 0.1286, 0.2171,
0.0000

■ 75.0615, 80.6181,
73.1878

■ 0.0000, 0.0000,
0.0000

■ 98.0827, 105.1590,
96.9918

125.3868,

134.2343, 125.4672

157.3390,
168.2284, 159.0326

■ 11.4092, 12.4751,
9.5912

■ 11.4092, 12.4751,
9.5912

■ 11.0103, 12.2388,
7.7266

■ 11.8655, 12.7356,
11.7532

■ 10.6652, 12.0242,
6.1456

■ 12.3804, 13.0196,
14.2242

■ 10.3716, 11.8306,
4.8344

■ 12.9565, 13.3286,
17.0158

■ 10.1266, 11.6569,
3.7778

■ 13.5959, 13.6634,
20.1391

■ 9.9271, 11.5019,
2.9590

■ 14.3005, 14.0248,
23.6046

■ 9.7695, 11.3642,
2.3593

■ 15.0723, 14.4135,
27.4222

■ 9.6497, 11.2420,
1.9571

■ 15.9131, 14.8302,
31.6014

■ 9.5482, 11.1276,
1.6504

■ 16.8245, 15.2758,
36.1516

■ 9.5462, 11.1254,
1.6443

■ 17.8084, 15.7508,
41.0817

Harmonies

Analogous

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



12.2476, 12.4751, 9.5501



11.4092, 12.4751, 9.5912



10.7233, 12.4751, 10.6150

Triad

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



11.4092, 12.4751, 9.5912



10.7696, 12.4751, 17.2244



13.5046, 12.4751, 14.7196

Complementary

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



11.4092, 12.4751, 9.5912



8.7596, 8.7234, 13.5341

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.



13.0684, 12.4751, 17.0589



11.4092, 12.4751, 9.5912



11.4752, 12.4751, 18.6168

Square

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



11.4092, 12.4751, 9.5912



10.3661, 12.4751, 14.9247



12.3168, 12.4751, 18.5529



13.4848, 12.4751, 12.3247

Rectangle

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



11.4092, 12.4751, 9.5912



10.4329, 12.4751, 11.7948



12.3168, 12.4751, 18.5529



13.4056, 12.4751, 15.5439

Sweetspot

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



11.4095, 12.4757, 9.5915



20.6793, 22.0362, 21.6562



9.8324, 9.2609, 9.2521



5.0794, 5.4172, 5.2864



51.1593, 53.8236, 58.6138



5.2251, 5.4972, 5.9864

Same Dimension

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



11.4095, 12.4757, 9.5915



19.2416, 21.2147, 14.8445



10.5527, 12.1769, 9.5790



3.0292, 3.2458, 3.0413



12.5087, 14.5705, 2.1531



65.0461, 75.6060, 11.1651

Inverse Universe

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



8.7596, 8.7234, 13.5341



13.7557, 13.4469, 23.0072



9.5080, 8.9983, 13.5477



2.7028, 2.7836, 3.5268



3.1423, 1.3563, 16.2405



16.1971, 6.6909, 84.6392

Previews

White Background



This preview shows how the XYZ color 11.4092, 12.4751, 9.5912 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 11.4092, 12.4751, 9.5912 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

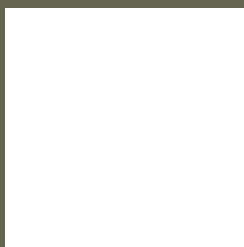
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 11.4092, 12.4751, 9.5912

Background



This preview shows how black text looks on a background with the XYZ color 11.4092, 12.4751, 9.5912.

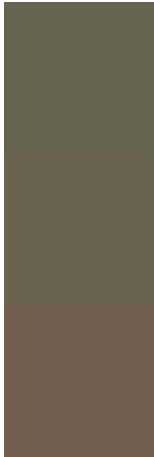


This preview shows how white text looks on a background with the XYZ color 11.4092, 12.4751,

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

11.4092, 12.4751, 9.5912

Protanopia

11.7355, 12.5061, 9.3848

Deuteranopia

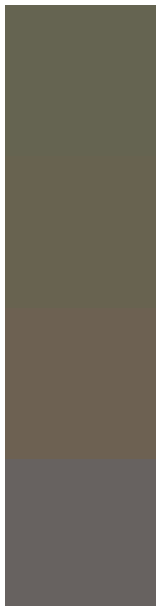
12.5546, 12.3710, 9.7088



Tritanopia

12.4823, 12.4919, 14.8500

Trichromacy



Original Color

11.4092, 12.4751, 9.5912

Protanomaly

11.6187, 12.4459, 9.3793

Deuteranomaly

12.1044, 12.4098, 9.7400

Tritanomaly

12.0725, 12.4635, 12.8357

Monochromacy



Original Color

11.4092, 12.4751, 9.5912

Achromatopsia

11.6093, 12.2139, 13.3009

Achromatomaly

11.5392, 12.3490, 11.9006

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.4092, 12.4751, 9.5912 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(101, 100, 81)` looks like.

```
.text, #text, p{  
    color:rgb(101, 100, 81)  
}
```

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(101, 100, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 100, 81) }
```

Border

The CSS property to change the border of an element to XYZ 11.4092, 12.4751, 9.5912 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(101, 100, 81) }
```


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

```
.border{ border-color:rgb(101, 100, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 100, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 100, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 100, 81);  
box-shadow:4px 4px 4px 4px rgb(101, 100,  
81) }
```

Background

The CSS property to change the background color of an element to XYZ 11.4092, 12.4751, 9.5912 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 100, 81) }
```

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

```
.background{ background-color: rgb(101,  
100, 81) }
```

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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