

Converting Colors

XYZ(10.9673, 12.1308, 11.3253)

Have a look what the booklet for
XYZ(10.9673, 12.1308, 11.3253)
contains.

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Color

**XYZ(10.9234, 12.0415,
11.4214)**

Conversions

Conversions Part 1

Format	Color
Hex	5E635A
RGB	94, 99, 90
RGB Percent	37%, 39%, 35%
CMY	0.6314, 0.6118, 0.6471
CMYK	0.05, 0.00, 0.09, 0.61
HSL	93°, 5%, 37%
HSV	93°, 9%, 39%
XYZ	10.9234, 12.0415, 11.4214
YIQ	96.4790, -0.0910, -3.8590

Conversions

Conversions Part 2

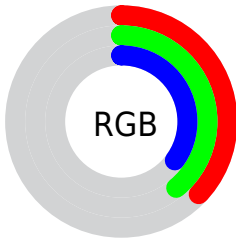
Format	Color
RYB	90, 99, 95
Decimal	6185818
CIELab	41.28, -3.81, 4.44
CIELCh	41, 5.850, 130.637
Yxy	12.0415, 0.3177, 0.3502
Android (android.graphics.Color)	4284375898 (0xFF5E635A)
YUV	96.4790, -3.1941, -2.1741
Hunter-Lab	34.7009, -4.5369, 4.7760

Details

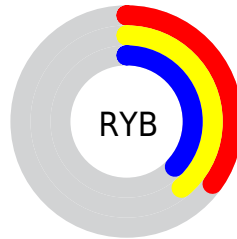
The XYZ color **10.9234, 12.0415, 11.4214** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **10.6280, 10.6464, 13.2997**, and the grayscale version is **11.2425, 11.8280, 12.8807**.

A 20% lighter version of the original color is **27.1416, 29.6354, 29.1006**, and **2.9466, 3.3564, 2.8754** is the 20% darker color. If you saturate the color by 10%, you get **9.9858, 11.6040, 9.3224**, and if you desaturate by 10%, it is **11.9581, 12.5233, 13.8185**.

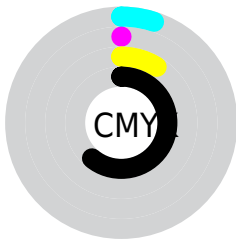
Distribution



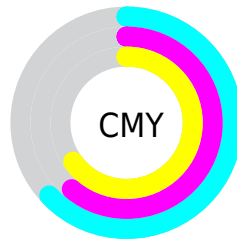
- Red (37%)
- Green (39%)
- Blue (35%)



- Red (35%)
- Yellow (39%)
- Blue (37%)



- Cyan (5%)
- Magenta (0%)
- Yellow (9%)
- Black (61%)



- Cyan (63%)
- Magenta (61%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.9234, 12.0415, 11.4214 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 10.9234, 12.0415, 11.4214 by changing the saturation by 10% instead.

■ 10.9234, 12.0415,
11.4214

■ 10.9234, 12.0415,
11.4214

191.0604,
204.6798, 211.3764

■ 6.0823, 6.7719,
6.2333

■ 27.1526, 29.5707,
29.0853

■ 2.9363, 3.3199,
2.9164

■ 39.2715, 42.5991,
42.3982

■ 1.1202, 1.3009,
1.0521

■ 54.5469, 58.9825,
59.2564

■ 0.0419, 0.1419,
0.0000

■ 73.3442, 79.1055,
80.0784

■ 0.0000, 0.0000,
0.0000

96.0289, 103.3523,
105.2829

122.9663,

132.1074, 135.2884

154.5217,
165.7551, 170.5134

■ 10.9234, 12.0415,
11.4214

■ 10.9234, 12.0415,
11.4214

■ 9.9858, 11.6040,
9.3224

■ 11.9581, 12.5233,
13.8185

■ 9.1411, 11.2078,
7.5091

■ 13.0917, 13.0490,
16.5239

■ 8.3866, 10.8521,
5.9693

■ 14.3273, 13.6203,
19.5483

■ 7.7188, 10.5355,
4.6898

■ 15.6676, 14.2384,
22.9017

■ 7.1340, 10.2563,
3.6560

■ 17.1151, 14.9044,
26.5936

■ 6.6284, 10.0129,
2.8522

■ 18.6722, 15.6193,
30.6331

■ 6.1975, 9.8034,
2.2605

■ 20.3414, 16.3842,
35.0290

■ 5.8364, 9.6258,
1.8609

■ 22.1249, 17.2001,
39.7898

■ 5.5270, 9.4725,
1.5629

■ 24.0249, 18.0680,
44.9236

Harmonies

Analogous

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



11.2956, 12.0415, 10.9520



10.9234, 12.0415, 11.4214



10.6946, 12.0415, 12.3537

Triad

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



10.9234, 12.0415, 11.4214



11.1775, 12.0415, 15.4344



12.2634, 12.0415, 12.6858

Complementary

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



10.9234, 12.0415, 11.4214



10.6280, 10.6464, 13.2997

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.



12.2299, 12.0415, 13.8989



10.9234, 12.0415, 11.4214



11.5959, 12.0415, 15.5369

Square

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



10.9234, 12.0415, 11.4214



10.8388, 12.0415, 14.6878



11.9831, 12.0415, 14.9598



12.0736, 12.0415, 11.6516

Rectangle

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



10.9234, 12.0415, 11.4214



10.6507, 12.0415, 13.1371



11.9831, 12.0415, 14.9598



12.2780, 12.0415, 13.0853

Sweetspot

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



10.9237, 12.0420, 11.4217



19.7839, 21.1435, 21.9996



11.0792, 11.5667, 11.3217



4.6746, 5.0127, 5.1643



49.6657, 52.2522, 56.9026



4.8358, 5.0876, 5.5404

Same Dimension

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



10.9237, 12.0420, 11.4217



18.3668, 20.4834, 18.7490



10.5433, 11.8437, 11.5042



2.6385, 2.9050, 2.7658



7.1247, 12.3071, 2.0000



37.0775, 65.2397, 10.6383

Inverse Universe

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



10.6280, 10.6464, 13.2997



17.7444, 17.5462, 22.7015



11.0328, 10.8576, 13.2066



2.5690, 2.5770, 3.2072



4.9438, 2.2095, 15.5536



25.3852, 11.2748, 83.0429

Previews

White Background



This preview shows how the XYZ color 10.9234, 12.0415, 11.4214 looks on a white background.

Color Contrast Check

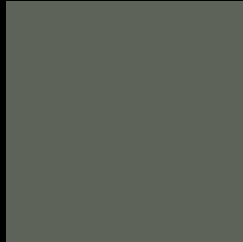
Large Text (above 18pt) WCAG AA ✓ Pass

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 10.9234, 12.0415, 11.4214 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

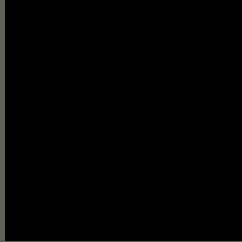
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

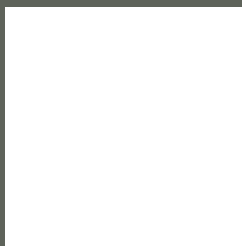
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 10.9234, 12.0415, 11.4214

Background



This preview shows how black text looks on a background with the XYZ color 10.9234, 12.0415, 11.4214.

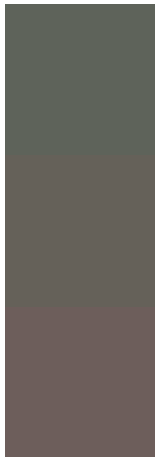


This preview shows how white text looks on a background with the XYZ color 10.9234, 12.0415,

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

10.9234, 12.0415, 11.4214

Protanopia

11.4447, 12.0374, 11.1714

Deuteranopia

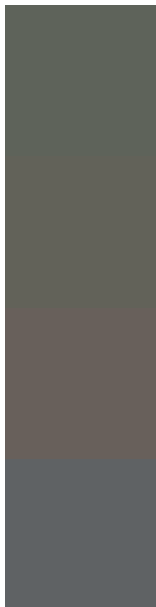
12.1977, 12.0119, 11.5732



Tritanopia

11.6484, 12.0561, 15.0777

Trichromacy



Original Color

10.9234, 12.0415, 11.4214

Protanomaly

11.2079, 12.0533, 11.1870

Deuteranomaly

11.7801, 12.0641, 11.6053

Tritanomaly

11.3872, 12.0884, 13.7897

Monochromacy



Original Color

10.9234, 12.0415, 11.4214

Achromatopsia

11.1181, 11.6971, 12.7381

Achromatomaly

11.0144, 11.7904, 12.2849

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.9234, 12.0415, 11.4214 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(94, 99, 90) looks like.

```
.text, #text, p{  
  color:rgb(94, 99, 90)  
}
```

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(94, 99, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 99, 90) }
```

Border

The CSS property to change the border of an element to XYZ 10.9234, 12.0415, 11.4214 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(94, 99, 90) }
```


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

```
.border{ border-color:rgb(94, 99, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 99, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 99, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 99, 90);  
box-shadow:4px 4px 4px 4px rgb(94, 99, 90)  
}
```

Background

The CSS property to change the background color of an element to XYZ 10.9234, 12.0415, 11.4214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 99, 90) }
```

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

```
.background{ background-color: rgb(94, 99,  
90) }
```

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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