

Converting Colors

XYZ(11.2085, 12.5000, 12.0495)

Have a look what the booklet for
XYZ(11.2085, 12.5000, 12.0495)
contains.

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Color

**XYZ(11.2015, 12.4598,
11.9398)**

Conversions

Conversions Part 1

Format	Color
Hex	5E655C
RGB	94, 101, 92
RGB Percent	37%, 40%, 36%
CMY	0.6314, 0.6039, 0.6392
CMYK	0.07, 0.00, 0.09, 0.60
HSL	107°, 5%, 38%
HSV	107°, 9%, 40%
XYZ	11.2015, 12.4598, 11.9398
YIQ	97.8810, -1.2830, -4.2830

Conversions

Conversions Part 2

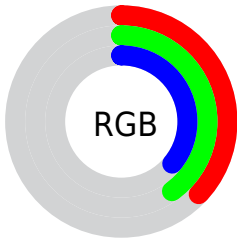
Format	Color
RYB	92, 101, 99
Decimal	6186332
CIELab	41.94, -4.59, 4.16
CIELCh	42, 6.198, 137.791
Yxy	12.4598, 0.3146, 0.3500
Android (android.graphics.Color)	4284376412 (0xFF5E655C)
YUV	97.8810, -2.8993, -3.4036
Hunter-Lab	35.2984, -5.1276, 4.6539

Details

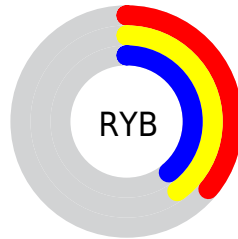
The XYZ color **11.2015, 12.4598, 11.9398** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.3223, 11.2469, 13.8868**, and the grayscale version is **11.5874, 12.1908, 13.2758**.

A 20% lighter version of the original color is **27.6123, 30.3388, 29.9918**, and **3.0312, 3.4640, 3.0936** is the 20% darker color. If you saturate the color by 10%, you get **10.0241, 11.9008, 9.7316**, and if you desaturate by 10%, it is **12.5206, 13.0857, 14.4626**.

Distribution



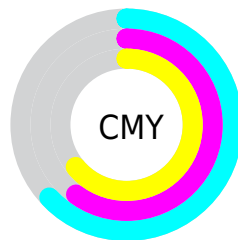
- Red (37%)
- Green (40%)
- Blue (36%)



- Red (36%)
- Yellow (40%)
- Blue (39%)



- Cyan (7%)
- Magenta (0%)
- Yellow (9%)
- Black (60%)



- Cyan (63%)
- Magenta (60%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.2015, 12.4598, 11.9398 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 11.2015, 12.4598, 11.9398 by changing the saturation by 10% instead.

■ 11.2015, 12.4598,
11.9398

■ 11.2015, 12.4598,
11.9398

192.9247,
207.4260, 214.9701

■ 6.2708, 7.0576,
6.5807

■ 27.6618, 30.3298,
30.0482

■ 3.0527, 3.4982,
3.1268

■ 39.9222, 43.5665,
43.6345

■ 1.1817, 1.3970,
1.1597

■ 55.3565, 60.1834,
60.8003

■ 0.0918, 0.2145,
0.0000

■ 74.3301, 80.5650,
81.9640

■ 0.0000, 0.0000,
0.0000

97.2084, 105.0956,
107.5444

124.3567,

134.1597, 137.9598

156.1403,
168.1417, 173.6289

■ 11.2015, 12.4598,
11.9398

■ 11.2015, 12.4598,
11.9398

■ 10.0241, 11.9008,
9.7316

■ 12.5206, 13.0857,
14.4626

■ 8.9824, 11.4050,
7.8247

■ 13.9848, 13.7790,
17.3106

■ 8.0720, 10.9705,
6.2064

■ 15.5988, 14.5422,
20.4953

■ 7.2874, 10.5949,
4.8627

■ 17.3667, 15.3773,
24.0271

■ 6.6228, 10.2757,
3.7781

■ 19.2925, 16.2860,
27.9160

■ 6.0722, 10.0099,
2.9361

■ 21.3800, 17.2701,
32.1718

■ 5.6287, 9.7945,
2.3179

■ 23.6330, 18.3314,
36.8036

■ 5.2848, 9.6261,
1.9021

■ 26.0549, 19.4714,
41.8205

■ 5.0199, 9.4959,
1.5998

■ 28.6493, 20.6918,
47.2310

Harmonies

Analogous

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



11.5753, 12.4598, 11.3014



11.2015, 12.4598, 11.9398



11.0016, 12.4598, 13.0395

Triad

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



11.2015, 12.4598, 11.9398



11.6572, 12.4598, 16.1874



12.7022, 12.4598, 12.8096

Complementary

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



11.2015, 12.4598, 11.9398



11.3223, 11.2469, 13.8868

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.



12.7255, 12.4598, 14.1077



11.2015, 12.4598, 11.9398



12.1141, 12.4598, 16.1159

Square

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



11.2015, 12.4598, 11.9398



11.2601, 12.4598, 15.5243



12.5078, 12.4598, 15.3348



12.4450, 12.4598, 11.7808

Rectangle

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



11.2015, 12.4598, 11.9398



10.9904, 12.4598, 13.9118



12.5078, 12.4598, 15.3348



12.7379, 12.4598, 13.2272

Sweetspot

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



11.2018, 12.4603, 11.9401



20.5194, 22.0019, 22.9543



11.7516, 12.4448, 11.9081



5.0110, 5.3957, 5.5755



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.



11.2018, 12.4603, 11.9401



18.7238, 21.1499, 19.5407



11.1061, 12.3987, 12.4922



2.8488, 3.1692, 3.0360



6.5151, 12.4174, 2.0534



33.3369, 64.4318, 10.6795

Inverse Universe

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



11.3223, 11.2469, 13.8868



18.9821, 18.5473, 23.7162



11.4275, 11.3146, 13.2866



2.8795, 2.8599, 3.5322



7.2258, 3.3692, 16.4138



36.9161, 17.1752, 85.5708

Previews

White Background



This preview shows how the XYZ color 11.2015, 12.4598, 11.9398 looks on a white background.

Color Contrast Check

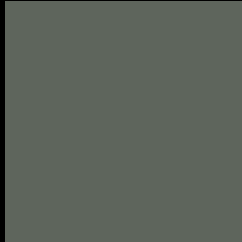
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.2015, 12.4598, 11.9398 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

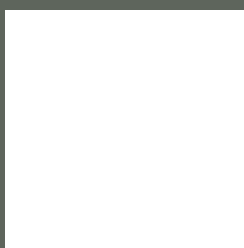
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 11.2015, 12.4598, 11.9398

Background



This preview shows how black text looks on a background with the XYZ color 11.2015, 12.4598, 11.9398.

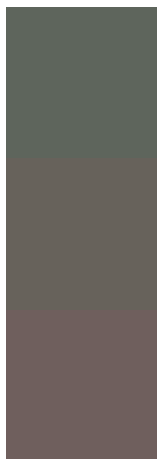


This preview shows how white text looks on a background with the XYZ color 11.2015, 12.4598,

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

11.2015, 12.4598, 11.9398

Protanopia

11.8495, 12.3743, 11.6615

Deuteranopia

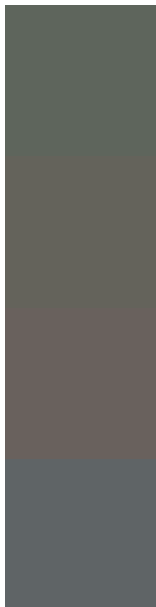
12.6235, 12.3542, 12.0752



Tritanopia

11.9396, 12.4720, 15.6880

Trichromacy



Original Color

11.2015, 12.4598, 11.9398

Protanomaly

11.6057, 12.3883, 11.6770

Deuteranomaly

12.0762, 12.3430, 12.1019

Tritanomaly

11.6748, 12.5065, 14.3691

Monochromacy



Original Color

11.2015, 12.4598, 11.9398

Achromatopsia

11.6093, 12.2139, 13.3009

Achromatomaly

11.5029, 12.3096, 12.8361

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.2015, 12.4598, 11.9398 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, 101, 92) looks like.

```
.text, #text, p{  
    color:rgb(94, 101, 92)  
}
```

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, 101, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 101, 92) }
```

Border

The CSS property to change the border of an element to XYZ 11.2015, 12.4598, 11.9398 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, 101, 92) }
```


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

```
.border{ border-color:rgb(94, 101, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 101, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 101, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 101, 92);  
box-shadow:4px 4px 4px 4px rgb(94, 101,  
92) }
```

Background

The CSS property to change the background color of an element to XYZ 11.2015, 12.4598, 11.9398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 101, 92) }
```

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

```
.background{ background-color: rgb(94, 101,  
92) }
```

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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