

Converting Colors

XYZ(13.4376, 14.4782, 14.3147)

Have a look what the booklet for
XYZ(13.4376, 14.4782, 14.3147)
contains.

XYZ(13.4324, 14.4582, 14.3947)	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(13.4324, 14.4582,
14.3947)**

Conversions

Conversions Part 1

Format	Color
Hex	696B65
RGB	105, 107, 101
RGB Percent	41%, 42%, 40%
CMY	0.5882, 0.5804, 0.6039
CMYK	0.02, 0.00, 0.06, 0.58
HSL	80°, 3%, 41%
HSV	80°, 6%, 42%
XYZ	13.4324, 14.4582, 14.3947
YIQ	105.7180, 0.7340, -2.2900

Conversions

Conversions Part 2

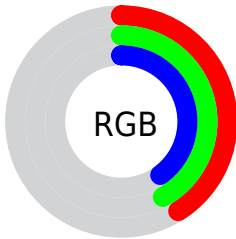
Format	Color
R_{YB}	101, 107, 103
Decimal	6908773
CIE Lab	44.88, -1.99, 3.09
CIE LCh	45, 3.670, 122.771
Yxy	14.4582, 0.3177, 0.3419
Android (android.graphics.Color)	4285098853 (0xFF696B65)
YUV	105.7180, -2.3260, -0.6297
Hunter-Lab	38.0239, -3.4847, 4.1714

Details

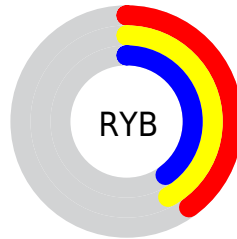
The XYZ color **13.4324, 14.4582, 14.3947** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **12.9015, 13.2528, 15.7886**, and the grayscale version is **13.6288, 14.3386, 15.6147**.

A 20% lighter version of the original color is **31.6047, 33.7886, 34.5619**, and **4.0266, 4.3976, 4.1266** is the 20% darker color. If you saturate the color by 10%, you get **12.5317, 14.0510, 11.7917**, and if you desaturate by 10%, it is **14.4198, 14.9030, 17.3587**.

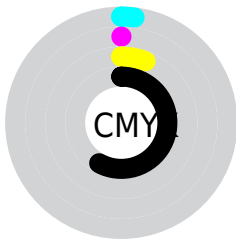
Distribution



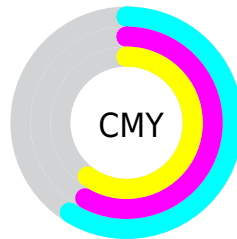
- Red (41%)
- Green (42%)
- Blue (40%)



- Red (40%)
- Yellow (42%)
- Blue (40%)



- Cyan (2%)
- Magenta (0%)
- Yellow (6%)
- Black (58%)



- Cyan (59%)
- Magenta (58%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.4324, 14.4582, 14.3947 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 13.4324, 14.4582, 14.3947 by changing the saturation by 10% instead.

■ 13.4324, 14.4582,
14.3947

■ 13.4324, 14.4582,
14.3947

207.2526,
220.0630, 231.1858

■ 7.8060, 8.4400,
8.2538

■ 31.6732, 33.8999,
34.5149

■ 4.0218, 4.3778,
4.1677

■ 45.0183, 48.0921,
49.3313

■ 1.7145, 1.8871,
1.7178

■ 61.6671, 65.7779,
67.8766

■ 0.4653, 0.5406,
0.3729

■ 81.9848, 87.3416,
90.5694

■ 0.0000, 0.0000,
0.0000

106.3369,
113.1675, 117.8281

135.0886,

143.6401, 150.0714

168.6054,
179.1438, 187.7178

■ 13.4324, 14.4582,
14.3947

■ 13.4324, 14.4582,
14.3947

■ 12.5317, 14.0510,
11.7917

■ 14.4198, 14.9030,
17.3587

■ 11.7137, 13.6784,
9.5351

■ 15.4953, 15.3847,
20.6959

■ 10.9757, 13.3398,
7.6104

■ 16.6619, 15.9050,
24.4189

■ 10.3146, 13.0339,
6.0019

■ 17.9221, 16.4647,
28.5397

■ 9.7268, 12.7592,
4.6926

■ 19.2782, 17.0650,
33.0694

■ 9.2087, 12.5143,
3.6640

■ 20.7325, 17.7066,
38.0190

■ 8.7560, 12.2975,
2.8953

■ 22.2871, 18.3906,
43.3989

■ 8.3641, 12.1069,
2.3630

■ 23.9441, 19.1177,
49.2192

■ 8.0230, 11.9384,
2.0164

■ 25.7057, 19.8889,
55.4897

Harmonies

Analogous

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



13.7142, 14.4582, 14.1504



13.4324, 14.4582, 14.3947



13.2358, 14.4582, 14.9991

Triad

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



13.4324, 14.4582, 14.3947



13.4800, 14.4582, 17.2567



14.3260, 14.4582, 15.6628

Complementary

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



13.4324, 14.4582, 14.3947



12.9015, 13.2528, 15.7886

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.



14.2611, 14.4582, 16.5101



13.4324, 14.4582, 14.3947



13.7700, 14.4582, 17.4498

Square

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



13.4324, 14.4582, 14.3947



13.2630, 14.4582, 16.6532



14.0565, 14.4582, 17.1720



14.2325, 14.4582, 14.8657

Rectangle

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



13.4324, 14.4582, 14.3947



13.1781, 14.4582, 15.5357



14.0565, 14.4582, 17.1720



14.3220, 14.4582, 15.9512

Sweetspot

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



13.4328, 14.4588, 14.3950



24.6621, 26.1644, 27.5850



13.2631, 13.7663, 14.2703



5.9763, 6.3361, 6.6977



54.2243, 57.0482, 62.1254



6.0569, 6.3724, 6.9395

Same Dimension

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



13.4328, 14.4588, 14.3950



23.7857, 25.7690, 24.9919



13.0866, 14.2803, 14.3788



3.2808, 3.5539, 3.4483



9.5536, 14.4202, 2.2799



47.7319, 72.9888, 11.5725

Inverse Universe

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



12.9015, 13.2528, 15.7886



22.5771, 23.0256, 28.1621



13.2519, 13.4334, 15.8050



3.1147, 3.1770, 3.8839



4.0695, 1.7250, 17.0407



19.8981, 8.3575, 86.7906

Previews

White Background



This preview shows how the XYZ color 13.4324, 14.4582, 14.3947 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 13.4324, 14.4582, 14.3947 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

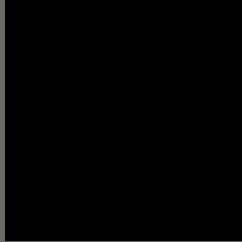
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 13.4324, 14.4582, 14.3947

Background



This preview shows how black text looks on a background with the XYZ color 13.4324, 14.4582, 14.3947.



This preview shows how white text looks on a background with the XYZ color 13.4324, 14.4582,

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

13.4324, 14.4582, 14.3947

Protanopia

13.7610, 14.4794, 14.1261

Deuteranopia

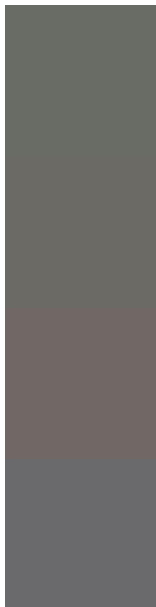
14.7197, 14.5114, 14.5955



Tritanopia

14.0956, 14.4212, 17.6634

Trichromacy



Original Color

13.4324, 14.4582, 14.3947

Protanomaly

13.6386, 14.4163, 14.1204

Deuteranomaly

14.1586, 14.3706, 14.5979

Tritanomaly

13.8582, 14.4764, 16.5318

Monochromacy



Original Color

13.4324, 14.4582, 14.3947

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

13.5966, 14.3717, 15.1541

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.4324, 14.4582, 14.3947 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(105, 107, 101)` looks like.

```
.text, #text, p{  
    color:rgb(105, 107, 101)  
}
```

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(105, 107, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 107, 101) }
```

Border

The CSS property to change the border of an element to XYZ 13.4324, 14.4582, 14.3947 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(105, 107, 101) }
```


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

```
.border{ border-color:rgb(105, 107, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 107, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 107, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 107, 101);  
box-shadow:4px 4px 4px 4px rgb(105, 107,  
101) }
```

Background

The CSS property to change the background color of an element to XYZ 13.4324, 14.4582, 14.3947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 107, 101) }
```

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

```
.background{ background-color: rgb(105,  
107, 101) }
```

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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