

Converting Colors

XYZ(14.3826, 16.2259, 14.7343)

Have a look what the booklet for
XYZ(14.3826, 16.2259, 14.7343)
contains.

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Color

**XYZ(14.4236, 16.2652,
14.6912)**

Conversions

Conversions Part 1

Format	Color
Hex	6A7365
RGB	106, 115, 101
RGB Percent	42%, 45%, 40%
CMY	0.5843, 0.5490, 0.6039
CMYK	0.08, 0.00, 0.12, 0.55
HSL	99°, 6%, 42%
HSV	99°, 12%, 45%
XYZ	14.4236, 16.2652, 14.6912
YIQ	110.7130, -0.8700, -6.2620

Conversions

Conversions Part 2

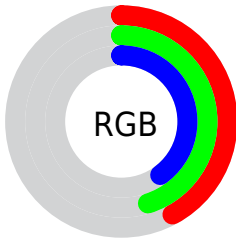
Format	Color
R_{YB}	101, 115, 110
Decimal	6976357
CIE _{Lab}	47.32, -6.24, 6.59
CIE _{LCh}	47, 9.077, 133.414
Yxy	16.2652, 0.3178, 0.3584
Android (android.graphics.Color)	4285166437 (0xFF6A7365)
YUV	110.7130, -4.7885, -4.1333
Hunter-Lab	40.3301, -6.7393, 6.6333

Details

The XYZ color **14.4236, 16.2652, 14.6912** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.1791, 13.8605, 18.1485**, and the grayscale version is **15.0403, 15.8236, 17.2318**.

A 20% lighter version of the original color is **33.3908, 37.0725, 35.1016**, and **4.4766, 5.2105, 4.2598** is the 20% darker color. If you saturate the color by 10%, you get **13.0582, 15.6224, 11.8890**, and if you desaturate by 10%, it is **15.9446, 16.9800, 17.9130**.

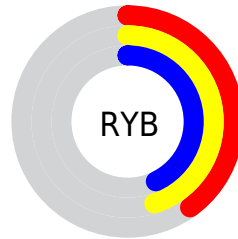
Distribution



Red (42%)

Green (45%)

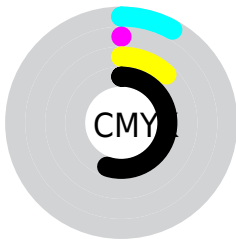
Blue (40%)



Red (40%)

Yellow (45%)

Blue (43%)

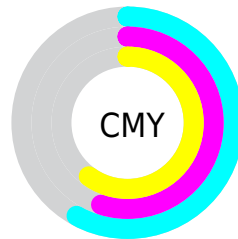


Cyan (8%)

Magenta (0%)

Yellow (12%)

Black (55%)



Cyan (58%)

Magenta (55%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.4236, 16.2652, 14.6912 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 14.4236, 16.2652, 14.6912 by changing the saturation by 10% instead.

■ 14.4236, 16.2652,
14.6912

■ 14.4236, 16.2652,
14.6912

213.3087,
230.9016, 233.0655

■ 8.4995, 9.7120,
8.4587

■ 33.4188, 37.0580,
35.0451

■ 4.4707, 5.2084,
4.2979

■ 47.2207, 52.0664,
50.0037

■ 1.9717, 2.3701,
1.7902

■ 64.3791, 70.6620,
68.7081

■ 0.6180, 0.8104,
0.4215

■ 85.2596, 93.2291,
91.5767

■ 0.0000, 0.0000,
0.0000

110.2275,
120.1523, 119.0283

139.6480,

151.8158, 151.4812

173.8866,
188.6041, 189.3541

■ 14.4236, 16.2652,
14.6912

■ 14.4236, 16.2652,
14.6912

■ 13.0582, 15.6224,
11.8890

■ 15.9446, 16.9800,
17.9130

■ 11.8418, 15.0472,
9.4881

■ 17.6246, 17.7669,
21.5697

■ 10.7694, 14.5379,
7.4704

■ 19.4689, 18.6287,
25.6769

■ 9.8353, 14.0920,
5.8161

■ 21.4819, 19.5673,
30.2492

■ 9.0331, 13.7067,
4.5034

■ 23.6679, 20.5847,
35.3007

■ 8.3560, 13.3789,
3.5084

■ 26.0311, 21.6827,
40.8446

■ 7.7965, 13.1055,
2.8041

■ 28.5753, 22.8630,
46.8939

■ 7.3460, 12.8827,
2.3578

■ 31.3046, 24.1275,
53.4609

■ 7.0483, 12.7349,
2.0866

■ 34.2226, 25.4777,
60.5576

Harmonies

Analogous

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



15.1045, 16.2652, 13.7514



14.4236, 16.2652, 14.6912



14.0280, 16.2652, 16.4788

Triad

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



14.4236, 16.2652, 14.6912



15.0235, 16.2652, 22.2898



17.0089, 16.2652, 16.7049

Complementary

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



14.4236, 16.2652, 14.6912



14.1791, 13.8605, 18.1485

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.



16.9854, 16.2652, 19.0011



14.4236, 16.2652, 14.6912



15.8202, 16.2652, 22.3636

Square

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



14.4236, 16.2652, 14.6912



14.3660, 16.2652, 20.9226



16.5440, 16.2652, 21.1164



16.6073, 16.2652, 14.8444

Rectangle

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



14.4236, 16.2652, 14.6912



13.9705, 16.2652, 17.9744



16.5440, 16.2652, 21.1164



17.0509, 16.2652, 17.4483

Sweetspot

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



14.4240, 16.2659, 14.6916



28.0031, 30.1478, 30.9022



14.9813, 15.7081, 14.5545



6.6381, 7.1723, 7.2815



57.3938, 60.3827, 65.7568



6.9614, 7.3239, 7.9757

Same Dimension

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



14.4240, 16.2659, 14.6916



25.0108, 28.7414, 24.6110



13.9395, 16.0054, 15.1519



3.7527, 4.1560, 3.9467



8.0352, 14.5466, 2.3843



38.2981, 70.4451, 11.5788

Inverse Universe

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



14.1791, 13.8605, 18.1485



24.4676, 23.4096, 32.2734



14.7126, 14.1479, 17.6182



3.7058, 3.6956, 4.6083



6.7362, 3.0640, 18.7789



31.8678, 14.4370, 91.4673

Previews

White Background



This preview shows how the XYZ color 14.4236, 16.2652, 14.6912 looks on a white background.

Color Contrast Check

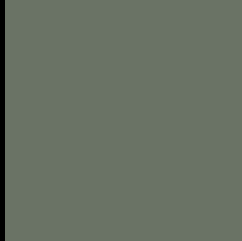
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.4236, 16.2652, 14.6912 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 14.4236, 16.2652, 14.6912

Background



This preview shows how black text looks on a background with the XYZ color 14.4236, 16.2652, 14.6912.

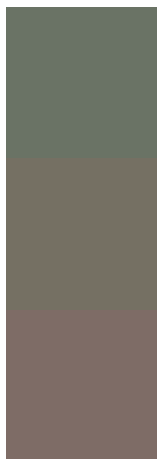


This preview shows how white text looks on a background with the XYZ color 14.4236, 16.2652,

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

14.4236, 16.2652, 14.6912

Protanopia

15.3824, 16.2711, 14.1343

Deuteranopia

16.3650, 16.1201, 14.8193



Tritanopia

15.5520, 16.2200, 20.4003

Trichromacy



Original Color

14.4236, 16.2652, 14.6912

Protanomaly

15.0154, 16.2411, 14.4000

Deuteranomaly

15.6905, 16.2501, 14.8800

Tritanomaly

15.1267, 16.2133, 18.2518

Monochromacy



Original Color

14.4236, 16.2652, 14.6912

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

14.7547, 15.9011, 16.2015

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.4236, 16.2652, 14.6912 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(106, 115, 101)` looks like.

```
.text, #text, p{  
    color:rgb(106, 115, 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(106, 115, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 115, 101) }
```

Border

The CSS property to change the border of an element to XYZ 14.4236, 16.2652, 14.6912 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(106, 115, 101) }
```


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

```
.border{ border-color:rgb(106, 115, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 115, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 115, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 115, 101);  
box-shadow:4px 4px 4px 4px rgb(106, 115,  
101) }
```

Background

The CSS property to change the background color of an element to XYZ 14.4236, 16.2652, 14.6912 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 115, 101) }
```

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

```
.background{ background-color: rgb(106,  
115, 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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