

Converting Colors

XYZ(15.1526, 16.4130, 14.5116)

Have a look what the booklet for
XYZ(15.1526, 16.4130, 14.5116)
contains.

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Color

**XYZ(15.1276, 16.4654,
14.4374)**

Conversions

Conversions Part 1

Format	Color
Hex	717264
RGB	113, 114, 100
RGB Percent	44%, 45%, 39%
CMY	0.5569, 0.5529, 0.6078
CMYK	0.01, 0.00, 0.12, 0.55
HSL	64°, 7%, 42%
HSV	64°, 12%, 45%
XYZ	15.1276, 16.4654, 14.4374
YIQ	112.1050, 3.8980, -4.5660

Conversions

Conversions Part 2

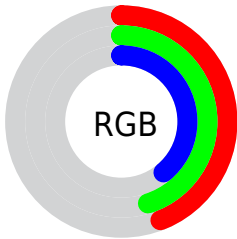
Format	Color
R_{YB}	100, 114, 101
Decimal	7434852
CIE Lab	47.58, -3.08, 7.63
CIE LCh	48, 8.233, 111.993
Yxy	16.4654, 0.3286, 0.3577
Android (android.graphics.Color)	4285624932 (0xFF717264)
YUV	112.1050, -5.9678, 0.7849
Hunter-Lab	40.5776, -4.4647, 7.3091

Details

The XYZ color **15.1276, 16.4654, 14.4374** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **12.9618, 13.0964, 17.7651**, and the grayscale version is **15.4484, 16.2529, 17.6995**.

A 20% lighter version of the original color is **34.7392, 37.5061, 34.6866**, and **4.7708, 5.2773, 4.1353** is the 20% darker color. If you saturate the color by 10%, you get **14.5097, 16.2067, 11.7270**, and if you desaturate by 10%, it is **15.8246, 16.7569, 17.5554**.

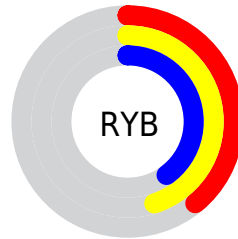
Distribution



Red (44%)

Green (45%)

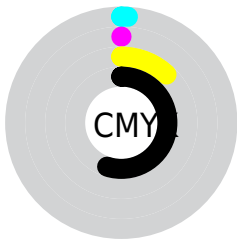
Blue (39%)



Red (39%)

Yellow (45%)

Blue (40%)

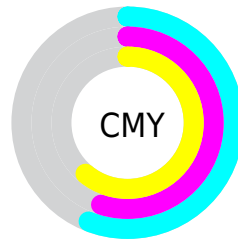


Cyan (1%)

Magenta (0%)

Yellow (12%)

Black (55%)



Cyan (56%)

Magenta (55%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.1276, 16.4654, 14.4374 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 15.1276, 16.4654, 14.4374 by changing the saturation by 10% instead.

■ 15.1276, 16.4654,
14.4374

■ 15.1276, 16.4654,
14.4374

217.5103,
232.0725, 231.4575

■ 8.9959, 9.8541,
8.2833

■ 34.6467, 37.4043,
34.5914

■ 4.7956, 5.3023,
4.1864

■ 48.7648, 52.5007,
49.4283

■ 2.1613, 2.4257,
1.7281

■ 66.2757, 71.1942,
67.9966

■ 0.7222, 0.8391,
0.3799

■ 87.5448, 93.8692,
90.7148

■ 0.0000, 0.0000,
0.0000

112.9375,
120.9101, 118.0015

142.8191,

152.7014, 150.2751

177.5549,
189.6274, 187.9543

■ 15.1276, 16.4654,
14.4374

■ 15.1276, 16.4654,
14.4374

■ 14.5097, 16.2067,
11.7270

■ 15.8246, 16.7569,
17.5554

■ 13.9663, 15.9774,
9.4062

■ 16.6024, 17.0803,
21.0956

■ 13.4945, 15.7768,
7.4574

■ 17.4642, 17.4374,
25.0734

■ 13.0906, 15.6035,
5.8613

■ 18.4127, 17.8294,
29.5030

■ 12.7506, 15.4558,
4.5967

■ 19.4506, 18.2571,
34.3981

■ 12.4700, 15.3321,
3.6403

■ 20.5802, 18.7217,
39.7717

■ 12.2438, 15.2302,
2.9655

■ 21.8041, 19.2241,
45.6362

■ 12.0660, 15.1477,
2.5405

■ 23.1245, 19.7652,
52.0038

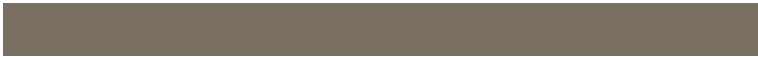
■ 11.9428, 15.0898,
2.2832

■ 24.5435, 20.3459,
58.8860

Harmonies

Analogous

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



15.8472, 16.4654, 14.2182



15.1276, 16.4654, 14.4374



14.5647, 16.4654, 15.5540

Triad

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



15.1276, 16.4654, 14.4374



14.7974, 16.4654, 21.3028



17.0885, 16.4654, 18.4966

Complementary

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



15.1276, 16.4654, 14.4374



12.9618, 13.0964, 17.7651

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.



16.7877, 16.4654, 20.5321



15.1276, 16.4654, 14.4374



15.4542, 16.4654, 22.2328

Square

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



15.1276, 16.4654, 14.4374



14.3782, 16.4654, 19.4837



16.1840, 16.4654, 21.9403



16.9944, 16.4654, 16.4575

Rectangle

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



15.1276, 16.4654, 14.4374



14.3465, 16.4654, 16.7081



16.1840, 16.4654, 21.9403



17.0299, 16.4654, 19.2059

Sweetspot

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



15.1280, 16.4661, 14.4378



27.5738, 29.3482, 29.7964



13.8874, 13.7923, 13.9870



6.3588, 6.7797, 6.8097



55.7959, 58.7016, 63.9261



6.5000, 6.8385, 7.4471

Same Dimension

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



15.1280, 16.4661, 14.4378



26.2314, 28.7871, 23.8163



14.2699, 16.0237, 14.3976



3.6195, 3.9047, 3.6362



13.2882, 16.7940, 2.5412



65.8874, 83.5002, 12.6445

Inverse Universe

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



12.9618, 13.0964, 17.7651



21.5594, 21.5192, 30.9928



13.7711, 13.5136, 17.8030



3.2377, 3.3108, 4.2226



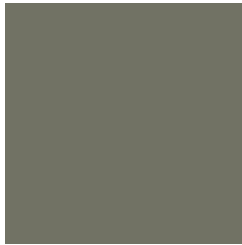
3.4884, 1.4078, 17.8095



17.0865, 6.8628, 88.7032

Previews

White Background



This preview shows how the XYZ color 15.1276, 16.4654, 14.4374 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 15.1276, 16.4654, 14.4374 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

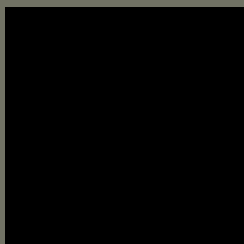
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

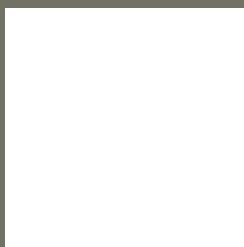
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.1276, 16.4654, 14.4374

Background



This preview shows how black text looks on a background with the XYZ color 15.1276, 16.4654, 14.4374.



This preview shows how white text looks on a background with the XYZ color 15.1276, 16.4654,

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

15.1276, 16.4654, 14.4374

Protanopia

15.5175, 16.3407, 14.1406

Deuteranopia

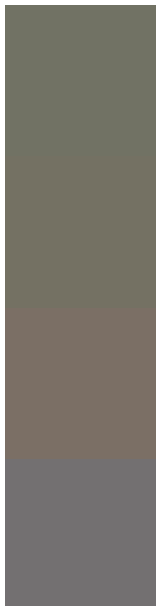
16.7197, 16.4661, 14.6090



Tritanopia

16.2771, 16.4379, 20.0842

Trichromacy



Original Color

15.1276, 16.4654, 14.4374

Protanomaly

15.3597, 16.4241, 14.1650

Deuteranomaly

16.2018, 16.5194, 14.6466

Tritanomaly

15.8450, 16.4254, 17.9581

Monochromacy



Original Color

15.1276, 16.4654, 14.4374

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

15.2940, 16.3377, 16.5348

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.1276, 16.4654, 14.4374 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(113, 114, 100)` looks like.

```
.text, #text, p{  
    color:rgb(113, 114, 100)  
}
```

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(113, 114, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 114, 100) }
```

Border

The CSS property to change the border of an element to XYZ 15.1276, 16.4654, 14.4374 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(113, 114, 100) }
```


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

```
.border{ border-color:rgb(113, 114, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 114, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 114, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 114, 100);  
box-shadow:4px 4px 4px 4px rgb(113, 114,  
100) }
```

Background

The CSS property to change the background color of an element to XYZ 15.1276, 16.4654, 14.4374 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 114, 100) }
```

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

```
.background{ background-color: rgb(113,  
114, 100) }
```

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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