

Converting Colors

XYZ(14.9464, 15.7168, 14.3025)

Have a look what the booklet for
XYZ(14.9464, 15.7168, 14.3025)
contains.

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Color

**XYZ(14.9464, 15.7168,
14.3025)**

Conversions

Conversions Part 1

Format	Color
Hex	736E64
RGB	115, 110, 100
RGB Percent	45%, 43%, 39%
CMY	0.5490, 0.5686, 0.6078
CMYK	0.00, 0.04, 0.13, 0.55
HSL	40°, 7%, 42%
HSV	40°, 13%, 45%
XYZ	14.9464, 15.7168, 14.3025
YIQ	110.3550, 6.1900, -2.0500

Conversions

Conversions Part 2

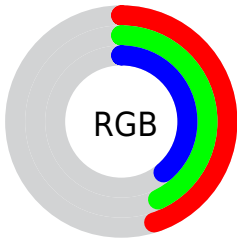
Format	Color
R_{YB}	108, 115, 100
Decimal	7564900
CIE _{Lab}	46.60, 0.05, 6.27
CIE _{LCh}	47, 6.265, 89.557
Yxy	15.7168, 0.3324, 0.3495
Android (android.graphics.Color)	4285754980 (0xFF736E64)
YUV	110.3550, -5.1050, 4.0737
Hunter-Lab	39.6444, -2.0812, 6.3611

Details

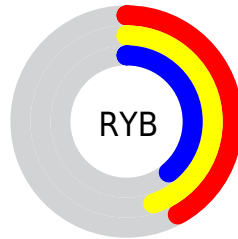
The XYZ color **14.9464, 15.7168, 14.3025** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.4016, 14.0500, 18.2253**, and the grayscale version is **14.9364, 15.7142, 17.1128**.

A 20% lighter version of the original color is **34.4426, 36.2905, 34.4676**, and **4.7348, 5.0053, 4.0847** is the 20% darker color. If you saturate the color by 10%, you get **14.0243, 14.7012, 11.4402**, and if you desaturate by 10%, it is **15.9658, 16.8009, 17.5854**.

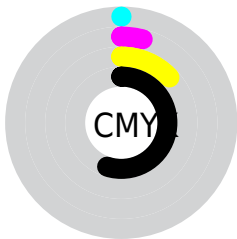
Distribution



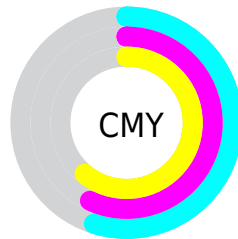
- Red (45%)
- Green (43%)
- Blue (39%)



- Red (42%)
- Yellow (45%)
- Blue (39%)



- Cyan (0%)
- Magenta (4%)
- Yellow (13%)
- Black (55%)



- Cyan (55%)
- Magenta (57%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.9464, 15.7168, 14.3025 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 14.9464, 15.7168, 14.3025 by changing the saturation by 10% instead.

■ 14.9464, 15.7168,
14.3025

■ 14.9464, 15.7168,
14.3025

216.4364,
227.6648, 230.5982

■ 8.8678, 9.3240,
8.1902

■ 34.3316, 36.1059,
34.3496

■ 4.7115, 4.9531,
4.1274

■ 48.3689, 50.8709,
49.1216

■ 2.1120, 2.2198,
1.6955

■ 65.7898, 69.1954,
67.6171

■ 0.6957, 0.7307,
0.3576

■ 86.9597, 91.4639,
90.2548

■ 0.0000, 0.0000,
0.0000

112.2440,
118.0606, 117.4532

142.0079,

149.3701, 149.6309

176.6170,
185.7767, 187.2064

■ 14.9464, 15.7168,
14.3025

■ 14.9464, 15.7168,
14.3025

■ 14.0243, 14.7012,
11.4402

■ 15.9658, 16.8009,
17.5854

■ 13.1947, 13.7504,
8.9800

■ 17.0846, 17.9533,
21.3041

■ 12.4544, 12.8632,
6.9039

■ 18.3064, 19.1760,
25.4744

■ 11.7993, 12.0376,
5.1917

■ 19.6340, 20.4708,
30.1110

■ 11.2251, 11.2715,
3.8218

■ 21.0703, 21.8391,
35.2279

■ 10.7270, 10.5625,
2.7698

■ 22.6182, 23.2822,
40.8385

■ 10.2994, 9.9082,
2.0084

■ 24.2802, 24.8017,
46.9557

■ 9.9355, 9.3052,
1.5022

■ 26.0588, 26.3987,
53.5919

■ 9.7022, 8.9088,
1.2082

■ 27.9566, 28.0746,
60.7591

Harmonies

Analogous

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



15.4718, 15.7168, 14.6701



14.9464, 15.7168, 14.3025



14.4309, 15.7168, 14.6493

Triad

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



14.9464, 15.7168, 14.3025



14.0513, 15.7168, 18.6255



15.8535, 15.7168, 18.6678

Complementary

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



14.9464, 15.7168, 14.3025



13.4016, 14.0500, 18.2253

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.



15.4576, 15.7168, 19.8384



14.9464, 15.7168, 14.3025



14.4173, 15.7168, 19.8129

Square

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



14.9464, 15.7168, 14.3025



13.9218, 15.7168, 17.0899



14.9303, 15.7168, 20.2693



16.0032, 15.7168, 17.1360

Rectangle

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



14.9464, 15.7168, 14.3025



14.1603, 15.7168, 15.2516



14.9303, 15.7168, 20.2693



15.7444, 15.7168, 19.1198

Sweetspot

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



14.9468, 15.7175, 14.3028



28.3876, 29.8733, 30.8289



14.1774, 13.7793, 15.2773



6.7436, 7.0966, 7.2613



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.



14.9468, 15.7175, 14.3028



26.1881, 27.5171, 23.7979



15.1770, 16.6593, 14.4725



3.8688, 4.0705, 3.9241



11.0715, 10.1443, 1.3745



53.1416, 47.8118, 6.4277

Inverse Universe

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



13.4016, 14.0500, 18.2253



22.7816, 23.8414, 32.4456



13.1882, 13.2065, 18.0738



3.5911, 3.7709, 4.6288



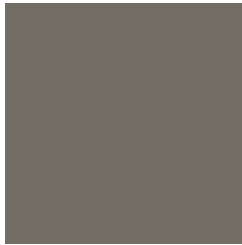
4.3230, 2.9858, 18.8910



20.3527, 13.1220, 91.8204

Previews

White Background



This preview shows how the XYZ color 14.9464, 15.7168, 14.3025 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 14.9464, 15.7168, 14.3025 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

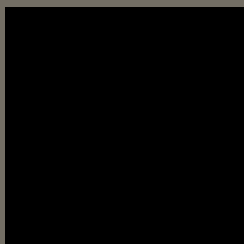
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

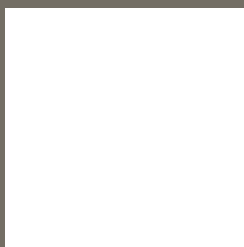
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.9464, 15.7168, 14.3025

Background



This preview shows how black text looks on a background with the XYZ color 14.9464, 15.7168, 14.3025.



This preview shows how white text looks on a background with the XYZ color 14.9464, 15.7168,

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

14.9464, 15.7168, 14.3025

Protanopia

14.9464, 15.7168, 14.3025

Deuteranopia

16.0641, 15.8149, 14.5178



Tritanopia

15.8511, 15.7680, 18.7311

Trichromacy



Original Color

14.9464, 15.7168, 14.3025

Protanomaly

14.9464, 15.7168, 14.3025

Deuteranomaly

15.5967, 15.7297, 14.5260

Tritanomaly

15.4856, 15.7761, 16.9808

Monochromacy



Original Color

14.9464, 15.7168, 14.3025

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

14.8595, 15.6372, 15.8708

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.9464, 15.7168, 14.3025 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(115, 110, 100)` looks like.

```
.text, #text, p{  
    color:rgb(115, 110, 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(115, 110, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 110, 100) }
```

Border

The CSS property to change the border of an element to XYZ 14.9464, 15.7168, 14.3025 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(115, 110, 100) }
```


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

```
.border{ border-color:rgb(115, 110, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 110, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 110, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 110, 100);  
box-shadow:4px 4px 4px 4px rgb(115, 110,  
100) }
```

Background

The CSS property to change the background color of an element to XYZ 14.9464, 15.7168, 14.3025 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 110, 100) }
```

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

```
.background{ background-color: rgb(115,  
110, 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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