

Converting Colors

XYZ(14.6099, 15.2687, 14.5158)

Have a look what the booklet for
XYZ(14.6099, 15.2687, 14.5158)
contains.

XYZ(14.5216, 15.1754, 14.4757)	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(14.5216, 15.1754,
14.4757)**

Conversions

Conversions Part 1

Format	Color
Hex	716C65
RGB	113, 108, 101
RGB Percent	44%, 42%, 40%
CMY	0.5569, 0.5765, 0.6039
CMYK	0.00, 0.04, 0.11, 0.56
HSL	35°, 6%, 42%
HSV	35°, 11%, 44%
XYZ	14.5216, 15.1754, 14.4757
YIQ	108.6970, 5.2270, -1.1170

Conversions

Conversions Part 2

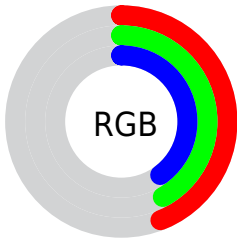
Format	Color
R_{YB}	110, 113, 101
Decimal	7433317
CIE _{Lab}	45.87, 0.60, 4.60
CIE _{LCh}	46, 4.642, 82.553
Yxy	15.1754, 0.3287, 0.3435
Android (android.graphics.Color)	4285623397 (0xFF716C65)
YUV	108.6970, -3.7946, 3.7737
Hunter-Lab	38.9556, -1.6324, 5.2371

Details

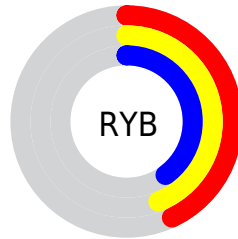
The XYZ color **14.5216, 15.1754, 14.4757** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.5015, 14.2669, 17.6652**, and the grayscale version is **14.4597, 15.2128, 16.5667**.

A 20% lighter version of the original color is **33.5827, 35.0626, 34.7035**, and **4.5146, 4.7276, 4.1646** is the 20% darker color. If you saturate the color by 10%, you get **13.5227, 14.0034, 11.5964**, and if you desaturate by 10%, it is **15.6243, 16.4328, 17.7656**.

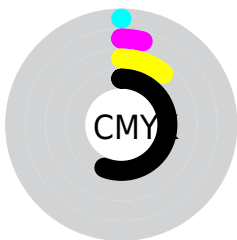
Distribution



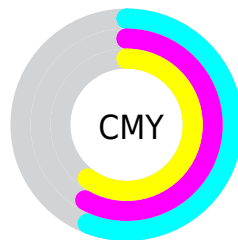
- Red (44%)
- Green (42%)
- Blue (40%)



- Red (43%)
- Yellow (44%)
- Blue (40%)



- Cyan (0%)
- Magenta (4%)
- Yellow (11%)
- Black (56%)



- Cyan (56%)
- Magenta (58%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.5216, 15.1754, 14.4757 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 14.5216, 15.1754, 14.4757 by changing the saturation by 10% instead.

■ 14.5216, 15.1754,
14.4757

■ 14.5216, 15.1754,
14.4757

213.8983,
224.4254, 231.7009

■ 8.5685, 8.9426,
8.3097

■ 33.5903, 35.1606,
34.6599

■ 4.5156, 4.7037,
4.2032

■ 47.4366, 49.6817,
49.5153

■ 1.9978, 2.0745,
1.7375

■ 64.6446, 67.7345,
68.1042

■ 0.6327, 0.6502,
0.3862

■ 85.5797, 89.7032,
90.8452

■ 0.0000, 0.0000,
0.0000

110.6073,
115.9722, 118.1568

140.0927,

146.9260, 150.4576

174.4012,
182.9489, 188.1661

■ 14.5216, 15.1754,
14.4757

■ 14.5216, 15.1754,
14.4757

■ 13.5227, 14.0034,
11.5964

■ 15.6243, 16.4328,
17.7656

■ 12.6228, 12.9127,
9.1104

■ 16.8329, 17.7757,
21.4806

■ 11.8186, 11.9018,
7.0004

■ 18.1510, 19.2065,
25.6357

■ 11.1062, 10.9685,
5.2476

■ 19.5815, 20.7270,
30.2449

■ 10.4811, 10.1102,
3.8315

■ 21.1273, 22.3392,
35.3215

■ 9.9388, 9.3244,
2.7295

■ 22.7913, 24.0446,
40.8783

■ 9.4739, 8.6081,
1.9162

■ 24.5761, 25.8450,
46.9275

■ 9.0804, 7.9582,
1.3621

■ 26.4843, 27.7419,
53.4811

■ 8.7546, 7.3995,
0.9668

■ 28.5184, 29.7369,
60.5504

Harmonies

Analogous

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



14.8865, 15.1754, 14.8695



14.5216, 15.1754, 14.4757



14.1368, 15.1754, 14.6105

Triad

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



14.5216, 15.1754, 14.4757



13.7394, 15.1754, 17.3645



15.0300, 15.1754, 17.8699

Complementary

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



14.5216, 15.1754, 14.4757



13.5015, 14.2669, 17.6652

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.



14.7145, 15.1754, 18.5965



14.5216, 15.1754, 14.4757



13.9707, 15.1754, 18.2956

Square

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



14.5216, 15.1754, 14.4757



13.6898, 15.1754, 16.2454



14.3264, 15.1754, 18.7557



15.1835, 15.1754, 16.8046

Rectangle

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



14.5216, 15.1754, 14.4757



13.9204, 15.1754, 14.9849



14.3264, 15.1754, 18.7557



14.9391, 15.1754, 18.1638

Sweetspot

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



14.5220, 15.1761, 14.4760



27.4746, 28.8576, 30.2929



14.0655, 13.8589, 15.5696



6.3213, 6.6368, 6.9078



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.



14.5220, 15.1761, 14.4760



25.4977, 26.5874, 24.4431



14.9364, 16.1949, 14.6508



3.5310, 3.6945, 3.6003



9.9108, 8.3540, 1.0901



48.5040, 39.8831, 5.1418

Inverse Universe

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



13.5015, 14.2669, 17.6652



23.2415, 24.5774, 31.4944



13.1140, 13.3246, 17.5038



3.3212, 3.5076, 4.2562



4.5182, 3.6267, 18.1835



21.6953, 16.4424, 90.3094

Previews

White Background



This preview shows how the XYZ color 14.5216, 15.1754, 14.4757 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 14.5216, 15.1754, 14.4757 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

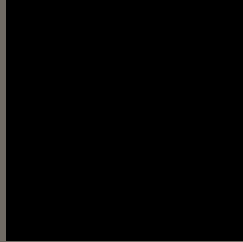
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.5216, 15.1754, 14.4757

Background



This preview shows how black text looks on a background with the XYZ color 14.5216, 15.1754, 14.4757.

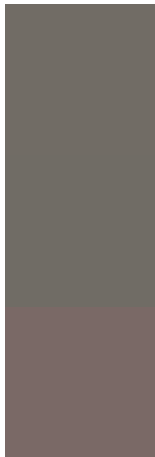


This preview shows how white text looks on a background with the XYZ color 14.5216, 15.1754,

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

14.5216, 15.1754, 14.4757

Protanopia

14.3936, 15.1095, 14.4697

Deuteranopia

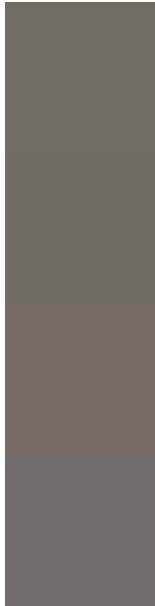
15.4759, 15.2000, 14.6886



Tritanopia

15.2615, 15.1678, 18.0429

Trichromacy



Original Color

14.5216, 15.1754, 14.4757

Protanomaly

14.3936, 15.1095, 14.4697

Deuteranomaly

15.1601, 15.1893, 14.7032

Tritanomaly

14.9574, 15.1969, 16.6130

Monochromacy



Original Color

14.5216, 15.1754, 14.4757

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

14.5006, 15.2929, 15.8232

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.5216, 15.1754, 14.4757 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, 108, 101)` looks like.

```
.text, #text, p{  
    color:rgb(113, 108, 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(113, 108, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 108, 101) }
```

Border

The CSS property to change the border of an element to XYZ 14.5216, 15.1754, 14.4757 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, 108, 101) }
```


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

```
.border{ border-color:rgb(113, 108, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 108, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 108, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 108, 101);  
box-shadow:4px 4px 4px 4px rgb(113, 108,  
101) }
```

Background

The CSS property to change the background color of an element to XYZ 14.5216, 15.1754, 14.4757 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 108, 101) }
```

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

```
.background{ background-color: rgb(113,  
108, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor