

Converting Colors

XYZ(15.2632, 15.6331, 15.5307)

Have a look what the booklet for
XYZ(15.2632, 15.6331, 15.5307)
contains.

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Color

**XYZ(15.3546, 15.7391,
15.5933)**

Conversions

Conversions Part 1

Format	Color
Hex	756D69
RGB	117, 109, 105
RGB Percent	46%, 43%, 41%
CMY	0.5412, 0.5725, 0.5882
CMYK	0.00, 0.07, 0.10, 0.54
HSL	20°, 5%, 44%
HSV	20°, 10%, 46%
XYZ	15.3546, 15.7391, 15.5933
YIQ	110.9360, 6.0520, 0.4520

Conversions

Conversions Part 2

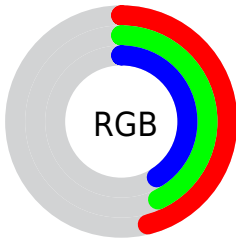
Format	Color
R_{YB}	117, 111, 105
Decimal	7695721
CIE Lab	46.63, 2.36, 3.35
CIE LCh	47, 4.092, 54.847
Yxy	15.7391, 0.3289, 0.3371
Android (android.graphics.Color)	4285885801 (0xFF756D69)
YUV	110.9360, -2.9264, 5.3181
Hunter-Lab	39.6725, -0.3415, 4.4668

Details

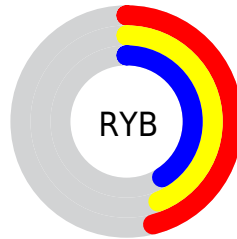
The XYZ color **15.3546, 15.7391, 15.5933** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.9418, 16.0977, 19.1496**, and the grayscale version is **15.0982, 15.8845, 17.2982**.

A 20% lighter version of the original color is **34.9337, 35.9769, 36.5555**, and **4.9406, 5.0159, 4.7108** is the 20% darker color. If you saturate the color by 10%, you get **13.9990, 13.9248, 12.3758**, and if you desaturate by 10%, it is **16.8677, 17.7356, 19.2719**.

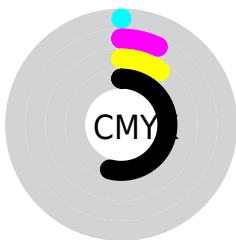
Distribution



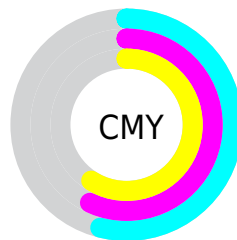
- Red (46%)
- Green (43%)
- Blue (41%)



- Red (46%)
- Yellow (44%)
- Blue (41%)



- Cyan (0%)
- Magenta (7%)
- Yellow (10%)
- Black (54%)



- Cyan (54%)
- Magenta (57%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.3546, 15.7391, 15.5933 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 15.3546, 15.7391, 15.5933 by changing the saturation by 10% instead.

■ 15.3546, 15.7391,
15.5933

■ 15.3546, 15.7391,
15.5933

218.8487,
227.7972, 238.6930

■ 9.1566, 9.3397,
9.0856

■ 35.0406, 36.1447,
36.6476

■ 4.9014, 4.9634,
4.6995

■ 49.2593, 50.9197,
52.0313

■ 2.2237, 2.2258,
2.0164

■ 66.8823, 69.2553,
71.2107

■ 0.7552, 0.7340,
0.5653

■ 88.2749, 91.5360,
94.6044

■ 0.0000, 0.0000,
0.0000

113.8025,
118.1462, 122.6310

143.8304,

149.4702, 155.7089

178.7240,
185.8924, 194.2567

■ 15.3546, 15.7391,
15.5933

■ 15.3546, 15.7391,
15.5933

■ 13.9990, 13.9248,
12.3758

■ 16.8677, 17.7356,
19.2719

■ 12.7942, 12.2853,
9.6002

■ 18.5420, 19.9170,
23.4279

■ 11.7352, 10.8161,
7.2471

■ 20.3826, 22.2890,
28.0780

■ 10.8160, 9.5113,
5.2956

■ 22.3942, 24.8559,
33.2379

■ 10.0302, 8.3650,
3.7227

■ 24.5811, 27.6223,
38.9224

■ 9.3709, 7.3706,
2.5034

■ 26.9476, 30.5923,
45.1459

■ 8.8305, 6.5214,
1.6092

■ 29.4976, 33.7702,
51.9221

■ 8.4003, 5.8096,
1.0075

■ 32.2353, 37.1599,
59.2643

■ 8.0624, 5.2342,
0.5854

■ 35.1643, 40.7654,
67.1852

Harmonies

Analogous

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



15.5853, 15.7391, 16.3316



15.3546, 15.7391, 15.5933



15.0207, 15.7391, 15.2693

Triad

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



15.3546, 15.7391, 15.5933



14.2923, 15.7391, 16.9628



15.2472, 15.7391, 18.9664

Complementary

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



15.3546, 15.7391, 15.5933



14.9418, 16.0977, 19.1496

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.



14.8985, 15.7391, 19.1515



15.3546, 15.7391, 15.5933



14.3508, 15.7391, 17.9689

Square

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



15.3546, 15.7391, 15.5933



14.4103, 15.7391, 16.0399



14.5713, 15.7391, 18.7798



15.5226, 15.7391, 18.2835

Rectangle

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



15.3546, 15.7391, 15.5933



14.7859, 15.7391, 15.3223



14.5713, 15.7391, 18.7798



15.1345, 15.7391, 19.0900

Sweetspot

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



15.3550, 15.7398, 15.5936



29.4116, 30.7172, 32.5663



15.3686, 15.0776, 17.7233



6.7173, 7.0032, 7.3778



57.3938, 60.3827, 65.7568



6.9614, 7.3239, 7.9757

Same Dimension

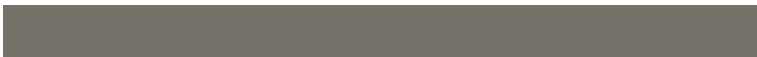
The Same Dimension uses a secret algorithm to generate beautiful new colors.



15.3550, 15.7398, 15.5936



26.9747, 27.4913, 26.6736



16.0169, 17.0636, 15.8143



3.7745, 3.8820, 3.8927



8.8695, 5.7402, 0.6405



42.5078, 26.5440, 2.8831

Inverse Universe

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



14.9418, 16.0977, 19.1496



26.0982, 28.2502, 34.2143



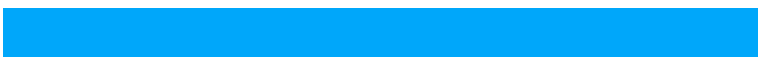
14.2945, 14.8033, 18.9338



3.6853, 3.9593, 4.6602



6.5235, 7.3866, 19.6245



30.9781, 34.3727, 95.3622

Previews

White Background



This preview shows how the XYZ color 15.3546, 15.7391, 15.5933 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 15.3546, 15.7391, 15.5933 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

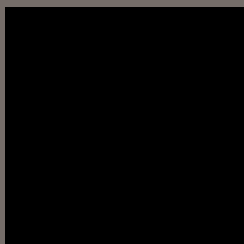
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

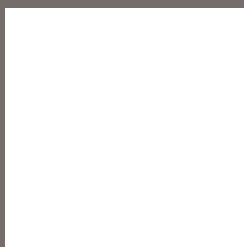
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.3546, 15.7391, 15.5933

Background



This preview shows how black text looks on a background with the XYZ color 15.3546, 15.7391, 15.5933.



This preview shows how white text looks on a background with the XYZ color 15.3546, 15.7391,

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

15.3546, 15.7391, 15.5933

Protanopia

15.1169, 15.7699, 15.8828

Deuteranopia

15.9759, 15.7463, 15.5619



Tritanopia

15.8813, 15.6279, 18.7024

Trichromacy



Original Color

15.3546, 15.7391, 15.5933

Protanomaly

15.2477, 15.8373, 15.8889

Deuteranomaly

15.7975, 15.8100, 15.5836

Tritanomaly

15.7584, 15.7465, 17.5381

Monochromacy



Original Color

15.3546, 15.7391, 15.5933

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

15.1463, 15.7667, 16.7130

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.3546, 15.7391, 15.5933 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(117, 109, 105)` looks like.

```
.text, #text, p{  
    color:rgb(117, 109, 105)  
}
```

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(117, 109, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 109, 105) }
```

Border

The CSS property to change the border of an element to XYZ 15.3546, 15.7391, 15.5933 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(117, 109, 105) }
```


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

```
.border{ border-color:rgb(117, 109, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 109, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 109, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 109, 105);  
box-shadow:4px 4px 4px 4px rgb(117, 109,  
105) }
```

Background

The CSS property to change the background color of an element to XYZ 15.3546, 15.7391, 15.5933 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 109, 105) }
```

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

```
.background{ background-color: rgb(117,  
109, 105) }
```

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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