

Converting Colors

XYZ(15.6364, 15.3903, 13.0174)

Have a look what the booklet for
XYZ(15.6364, 15.3903, 13.0174)
contains.

XYZ(15.5746, 15.2893, 12.9567)	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(15.5746, 15.2893,
12.9567)**

Conversions

Conversions Part 1

Format	Color
Hex	7D695F
RGB	125, 105, 95
RGB Percent	49%, 41%, 37%
CMY	0.5098, 0.5882, 0.6274
CMYK	0.00, 0.16, 0.24, 0.51
HSL	20°, 14%, 43%
HSV	20°, 24%, 49%
XYZ	15.5746, 15.2893, 12.9567
YIQ	109.8400, 15.1300, 1.1300

Conversions

Conversions Part 2

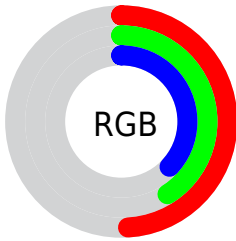
Format	Color
R_{YB}	125, 110, 95
Decimal	8218975
CIE Lab	46.03, 6.25, 8.57
CIE LCh	46, 10.607, 53.918
Yxy	15.2893, 0.3554, 0.3489
Android (android.graphics.Color)	4286409055 (0xFF7D695F)
YUV	109.8400, -7.3161, 13.2953
Hunter-Lab	39.1015, 2.6710, 7.7247

Details

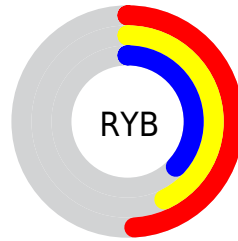
The XYZ color **15.5746, 15.2893, 12.9567** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.5517, 16.1748, 21.7574**, and the grayscale version is **14.7927, 15.5631, 16.9482**.

A 20% lighter version of the original color is **35.3594, 35.2862, 31.7353**, and **5.0479, 4.7844, 3.5631** is the 20% darker color. If you saturate the color by 10%, you get **14.2440, 13.4655, 9.9313**, and if you desaturate by 10%, it is **17.0804, 17.3174, 16.4908**.

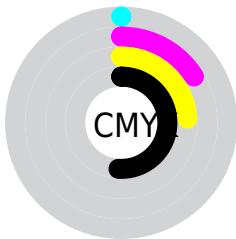
Distribution



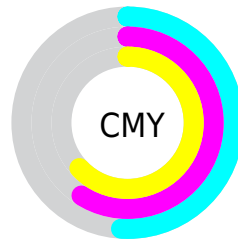
- Red (49%)
- Green (41%)
- Blue (37%)



- Red (49%)
- Yellow (43%)
- Blue (37%)



- Cyan (0%)
- Magenta (16%)
- Yellow (24%)
- Black (51%)



- Cyan (51%)
- Magenta (59%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.5746, 15.2893, 12.9567 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 15.5746, 15.2893, 12.9567 by changing the saturation by 10% instead.

■ 15.5746, 15.2893,
12.9567

■ 15.5746, 15.2893,
12.9567

220.1383,
225.1107, 221.8380

■ 9.3126, 9.0227,
7.2684

■ 35.4215, 35.3599,
31.9160

■ 5.0044, 4.7560,
3.5495

■ 49.7372, 49.9327,
46.0241

■ 2.2846, 2.1048,
1.3816

■ 67.4680, 68.0429,
63.7758

■ 0.7868, 0.6673,
0.1273

■ 88.9795, 90.0751,
85.5897

■ 0.0000, 0.0000,
0.0000

114.6369,
116.4136, 111.8843

144.8056,

147.4427, 143.0782

179.8510,
183.5470, 179.5900

■ 15.5746, 15.2893,
12.9567

■ 15.5746, 15.2893,
12.9567

■ 14.2440, 13.4655,
9.9313

■ 17.0804, 17.3174,
16.4908

■ 13.0806, 11.8373,
7.3898

■ 18.7666, 19.5537,
20.5547

■ 12.0777, 10.3986,
5.3072

■ 20.6395, 22.0051,
25.1695

■ 11.2275, 9.1420,
3.6555

■ 22.7048, 24.6770,
30.3549

■ 10.5215, 8.0599,
2.4036

■ 24.9680, 27.5750,
36.1296

■ 9.9504, 7.1437,
1.5163

■ 27.4343, 30.7043,
42.5114

■ 9.5022, 6.3836,
0.9467

■ 30.1089, 34.0700,
49.5173

■ 9.2741, 5.9931,
0.6680

■ 32.9964, 37.6771,
57.1638

■ 36.1018, 41.5302,
65.4667

Harmonies

Analogous

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



16.1710, 15.2893, 14.7190



15.5746, 15.2893, 12.9567



14.7160, 15.2893, 12.1919

Triad

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



15.5746, 15.2893, 12.9567



12.8792, 15.2893, 16.1281



15.2445, 15.2893, 21.5982

Complementary

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



15.5746, 15.2893, 12.9567



14.5517, 16.1748, 21.7574

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.



14.3495, 15.2893, 22.0745



15.5746, 15.2893, 12.9567



13.0077, 15.2893, 18.7374

Square

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



15.5746, 15.2893, 12.9567



13.1786, 15.2893, 13.8973



13.5370, 15.2893, 20.9799



15.9751, 15.2893, 19.7383

Rectangle

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



15.5746, 15.2893, 12.9567



14.1200, 15.2893, 12.2876



13.5370, 15.2893, 20.9799



14.9520, 15.2893, 21.9329

Sweetspot

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



15.5750, 15.2900, 12.9570



32.6133, 33.7051, 34.3965



15.6444, 13.7824, 18.0556



7.3888, 7.6275, 7.7524



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



15.5750, 15.2900, 12.9570



26.4943, 25.4738, 20.0045



17.2397, 18.6194, 13.5119



4.4359, 4.5604, 4.5666



9.6732, 6.2428, 0.6951



0.0000, 0.0000, 0.0000

Inverse Universe

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



14.5517, 16.1748, 21.7574



24.3135, 27.3543, 38.7428



12.9783, 13.0281, 21.2329



4.3294, 4.6528, 5.4832



7.1112, 8.0409, 21.4272



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 15.5746, 15.2893, 12.9567 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 15.5746, 15.2893, 12.9567 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

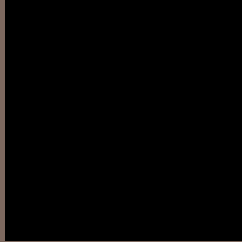
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.5746, 15.2893, 12.9567

Background



This preview shows how black text looks on a background with the XYZ color 15.5746, 15.2893, 12.9567.

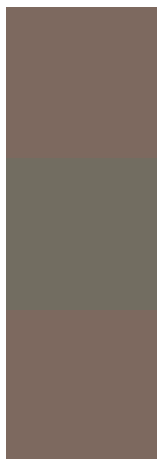


This preview shows how white text looks on a background with the XYZ color 15.5746, 15.2893,

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

15.5746, 15.2893, 12.9567

Protanopia

14.5657, 15.3778, 13.5098

Deuteranopia

15.5746, 15.2893, 12.9567



Tritanopia

16.4719, 15.3602, 17.1356

Trichromacy



Original Color

15.5746, 15.2893, 12.9567

Protanomaly

14.9451, 15.4212, 13.2552

Deuteranomaly

15.5746, 15.2893, 12.9567

Tritanomaly

16.1043, 15.3562, 15.4798

Monochromacy



Original Color

15.5746, 15.2893, 12.9567

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

14.9826, 15.3899, 15.5455

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.5746, 15.2893, 12.9567 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(125, 105, 95)` looks like.

```
.text, #text, p{  
    color:rgb(125, 105, 95)  
}
```

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(125, 105, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 105, 95) }
```

Border

The CSS property to change the border of an element to XYZ 15.5746, 15.2893, 12.9567 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(125, 105, 95) }
```


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

```
.border{ border-color:rgb(125, 105, 95) }
```

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

Here you see how a box with a 4 pixel rgb(125, 105, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 105, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 105, 95);  
box-shadow:4px 4px 4px 4px rgb(125, 105,  
95) }
```

Background

The CSS property to change the background color of an element to XYZ 15.5746, 15.2893, 12.9567 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 105, 95) }
```

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

```
.background{ background-color: rgb(125,  
105, 95) }
```

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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