

Converting Colors

XYZ(15.8504, 17.3200, 15.8735)

Have a look what the booklet for
XYZ(15.8504, 17.3200, 15.8735)
contains.

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Color

**XYZ(15.8505, 17.3199,
15.8723)**

Conversions

Conversions Part 1

Format	Color
Hex	727569
RGB	114, 117, 105
RGB Percent	45%, 46%, 41%
CMY	0.5529, 0.5412, 0.5882
CMYK	0.03, 0.00, 0.10, 0.54
HSL	75°, 5%, 44%
HSV	75°, 10%, 46%
XYZ	15.8505, 17.3199, 15.8723
YIQ	114.7350, 2.0640, -4.3680

Conversions

Conversions Part 2

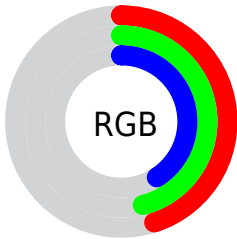
Format	Color
R_{YB}	105, 117, 108
Decimal	7501161
CIE Lab	48.66, -3.49, 6.23
CIE LCh	49, 7.139, 119.309
Yxy	17.3199, 0.3232, 0.3532
Android (android.graphics.Color)	4285691241 (0xFF727569)
YUV	114.7350, -4.7994, -0.6446
Hunter-Lab	41.6172, -4.8458, 6.5195

Details

The XYZ color **15.8505, 17.3199, 15.8723** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.4475, 14.5762, 18.8826**, and the grayscale version is **16.2295, 17.0747, 18.5943**.

A 20% lighter version of the original color is **35.9146, 38.8832, 37.0648**, and **5.1386, 5.7200, 4.8362** is the 20% darker color. If you saturate the color by 10%, you get **14.9155, 16.9032, 12.9024**, and if you desaturate by 10%, it is **16.8814, 17.7775, 19.2794**.

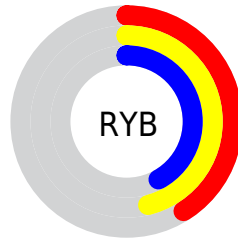
Distribution



Red (45%)

Green (46%)

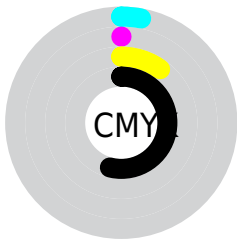
Blue (41%)



Red (41%)

Yellow (46%)

Blue (42%)

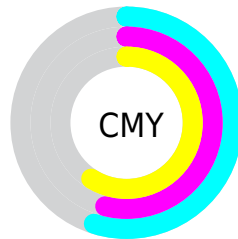


Cyan (3%)

Magenta (0%)

Yellow (10%)

Black (54%)



Cyan (55%)

Magenta (54%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.8505, 17.3199, 15.8723 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 15.8505, 17.3199, 15.8723 by changing the saturation by 10% instead.

■ 15.8505, 17.3199,
15.8723

■ 15.8505, 17.3199,
15.8723

221.7457,
237.0092, 240.4069

■ 9.5086, 10.4628,
9.2805

■ 35.8980, 38.8750,
37.1401

■ 5.1341, 5.7069,
4.8253

■ 50.3343, 54.3418,
52.6531

■ 2.3617, 2.6677,
2.0882

■ 68.1995, 73.4473,
71.9769

■ 0.8260, 0.9608,
0.6087

■ 89.8589, 96.5759,
95.5301

■ 0.0000, 0.0000,
0.0000

115.6779,
124.1120, 123.7311

146.0218,

156.4400, 156.9986

181.2559,
193.9442, 195.7510

■ 15.8505, 17.3199,
15.8723

■ 15.8505, 17.3199,
15.8723

■ 14.9155, 16.9032,
12.9024

■ 16.8814, 17.7775,
19.2794

■ 14.0716, 16.5237,
10.3509

■ 18.0100, 18.2751,
23.1392

■ 13.3154, 16.1807,
8.1992

■ 19.2400, 18.8146,
27.4679

■ 12.6431, 15.8727,
6.4271

■ 20.5743, 19.3973,
32.2806

■ 12.0502, 15.5977,
5.0122

■ 22.0157, 20.0244,
37.5916

■ 11.5320, 15.3540,
3.9303

■ 23.5670, 20.6968,
43.4148

■ 11.0833, 15.1394,
3.1539

■ 25.2308, 21.4157,
49.7632

■ 10.6978, 14.9514,
2.6509

■ 27.0096, 22.1822,
56.6498

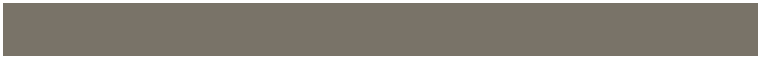
■ 10.3607, 14.7849,
2.3077

■ 28.9058, 22.9971,
64.0868

Harmonies

Analogous

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



16.4773, 17.3199, 15.4627



15.8505, 17.3199, 15.8723



15.3980, 17.3199, 17.0690

Triad

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



15.8505, 17.3199, 15.8723



15.8248, 17.3199, 22.1487



17.7597, 17.3199, 18.9021

Complementary

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



15.8505, 17.3199, 15.8723



14.4475, 14.5762, 18.8826

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.



17.5741, 17.3199, 20.7687



15.8505, 17.3199, 15.8723



16.4468, 17.3199, 22.7181

Square

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



15.8505, 17.3199, 15.8723



15.3834, 17.3199, 20.6882



17.0891, 17.3199, 22.1974



17.5900, 17.3199, 17.1399

Rectangle

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



15.8505, 17.3199, 15.8723



15.2500, 17.3199, 18.1943



17.0891, 17.3199, 22.1974



17.7367, 17.3199, 19.5385

Sweetspot

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



15.8510, 17.3207, 15.8727



29.6902, 31.5947, 32.7210



15.2491, 15.5275, 15.5583



6.7957, 7.2506, 7.4214



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.



15.8510, 17.3207, 15.8727



28.0255, 30.8555, 27.2676



15.0960, 16.9315, 15.8373



3.8815, 4.2224, 3.9527



11.4002, 16.2814, 2.5418



54.7411, 78.9219, 12.3483

Inverse Universe

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



14.4475, 14.5762, 18.8826



25.0501, 25.0366, 33.6493



15.2025, 14.9654, 18.9179



3.5786, 3.6301, 4.6023



4.0915, 1.7006, 18.6552



19.2590, 7.9369, 90.8772

Previews

White Background



This preview shows how the XYZ color 15.8505, 17.3199, 15.8723 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 15.8505, 17.3199, 15.8723 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

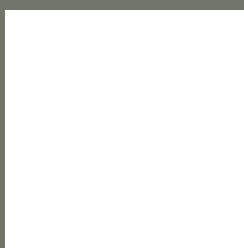
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.8505, 17.3199, 15.8723

Background



This preview shows how black text looks on a background with the XYZ color 15.8505, 17.3199, 15.8723.



This preview shows how white text looks on a background with the XYZ color 15.8505, 17.3199,

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

15.8505, 17.3199, 15.8723

Protanopia

16.3752, 17.2540, 15.5640

Deuteranopia

17.4919, 17.1553, 16.0251



Tritanopia

16.9286, 17.2466, 21.1756

Trichromacy



Original Color

15.8505, 17.3199, 15.8723

Protanomaly

16.2153, 17.3418, 15.5894

Deuteranomaly

16.8188, 17.1359, 16.0568

Tritanomaly

16.4856, 17.2354, 18.9809

Monochromacy



Original Color

15.8505, 17.3199, 15.8723

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

16.1849, 17.2833, 17.5219

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.8505, 17.3199, 15.8723 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(114, 117, 105)` looks like.

```
.text, #text, p{  
    color:rgb(114, 117, 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(114, 117, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 117, 105) }
```

Border

The CSS property to change the border of an element to XYZ 15.8505, 17.3199, 15.8723 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(114, 117, 105) }
```


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

```
.border{ border-color:rgb(114, 117, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 117, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 117, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 117, 105);  
box-shadow:4px 4px 4px 4px rgb(114, 117,  
105) }
```

Background

The CSS property to change the background color of an element to XYZ 15.8505, 17.3199, 15.8723 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 117, 105) }
```

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

```
.background{ background-color: rgb(114,  
117, 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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