

Converting Colors

XYZ(15.3861, 16.5844, 15.1194)

Have a look what the booklet for
XYZ(15.3861, 16.5844, 15.1194)
contains.

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Color

**XYZ(15.4049, 16.5913,
15.2225)**

Conversions

Conversions Part 1

Format	Color
Hex	727267
RGB	114, 114, 103
RGB Percent	45%, 45%, 40%
CMY	0.5529, 0.5529, 0.5961
CMYK	0.00, 0.00, 0.10, 0.55
HSL	60°, 5%, 43%
HSV	60°, 10%, 45%
XYZ	15.4049, 16.5913, 15.2225
YIQ	112.7460, 3.5310, -3.4210

Conversions

Conversions Part 2

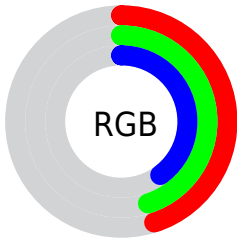
Format	Color
R_{YB}	103, 114, 103
Decimal	7500391
CIE Lab	47.74, -2.13, 6.10
CIE LCh	48, 6.459, 109.294
Yxy	16.5913, 0.3262, 0.3514
Android (android.graphics.Color)	4285690471 (0xFF727267)
YUV	112.7460, -4.8048, 1.0998
Hunter-Lab	40.7324, -3.7735, 6.3549

Details

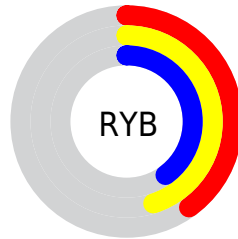
The XYZ color **15.4049, 16.5913, 15.2225** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.4817, 13.7995, 17.8735**, and the grayscale version is **15.6342, 16.4484, 17.9123**.

A 20% lighter version of the original color is **35.1948, 37.7125, 35.9961**, and **4.9088, 5.3402, 4.5134** is the 20% darker color. If you saturate the color by 10%, you get **14.8711, 16.3783, 12.4115**, and if you desaturate by 10%, it is **16.0176, 16.8370, 18.4453**.

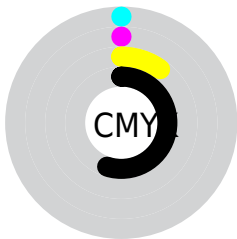
Distribution



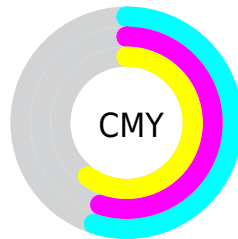
- Red (45%)
- Green (45%)
- Blue (40%)



- Red (40%)
- Yellow (45%)
- Blue (40%)



- Cyan (0%)
- Magenta (0%)
- Yellow (10%)
- Black (55%)



- Cyan (55%)
- Magenta (55%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.4049, 16.5913, 15.2225 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 15.4049, 16.5913, 15.2225 by changing the saturation by 10% instead.

■ 15.4049, 16.5913,
15.2225

■ 15.4049, 16.5913,
15.2225

219.1442,
232.8060, 236.3960

■ 9.1922, 9.9435,
8.8273

■ 35.1278, 37.6217,
35.9908

■ 4.9249, 5.3615,
4.5335

■ 49.3687, 52.7732,
51.2011

■ 2.2376, 2.4609,
1.9223

■ 67.0164, 71.5280,
70.1868

■ 0.7624, 0.8570,
0.5069

■ 88.4363, 94.2705,
93.3665

■ 0.0000, 0.0000,
0.0000

113.9936,
121.3852, 121.1588

144.0538,

153.2564, 153.9821

178.9822,
190.2686, 192.2550

■ 15.4049, 16.5913,
15.2225

■ 15.4049, 16.5913,
15.2225

■ 14.8711, 16.3783,
12.4115

■ 16.0176, 16.8370,
18.4453

■ 14.4118, 16.1945,
9.9946

■ 16.7110, 17.1143,
22.0942

■ 14.0240, 16.0394,
7.9545

■ 17.4881, 17.4252,
26.1846

■ 13.7042, 15.9114,
6.2723

■ 18.3517, 17.7707,
30.7304

■ 13.4484, 15.8090,
4.9274

■ 19.3043, 18.1518,
35.7451

■ 13.2524, 15.7306,
3.8969

■ 20.3485, 18.5695,
41.2415

■ 13.1112, 15.6741,
3.1555

■ 21.4864, 19.0247,
47.2321

■ 13.0193, 15.6373,
2.6735

■ 22.7205, 19.5184,
53.7287

■ 12.9560, 15.6119,
2.3420

■ 24.0529, 20.0514,
60.7430

Harmonies

Analogous

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



15.9770, 16.5913, 15.1126



15.4049, 16.5913, 15.2225



14.9414, 16.5913, 16.0664

Triad

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



15.4049, 16.5913, 15.2225



15.0553, 16.5913, 20.5889



16.8878, 16.5913, 18.6633

Complementary

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



15.4049, 16.5913, 15.2225



13.4817, 13.7995, 17.8735

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.



16.6277, 16.5913, 20.2230



15.4049, 16.5913, 15.2225



15.5638, 16.5913, 21.3791

Square

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



15.4049, 16.5913, 15.2225



14.7429, 16.5913, 19.1381



16.1399, 16.5913, 21.2412



16.8427, 16.5913, 17.0330

Rectangle

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



15.4049, 16.5913, 15.2225



14.7519, 16.5913, 16.9622



16.1399, 16.5913, 21.2412



16.8329, 16.5913, 19.2149

Sweetspot

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



15.4054, 16.5920, 15.2229



27.7618, 29.4322, 30.3886



14.2384, 14.2576, 14.8338



6.4027, 6.7995, 6.9349



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.



15.4054, 16.5920, 15.2229



26.8076, 29.0504, 25.3670



14.7115, 16.2343, 15.1904



3.6418, 3.9162, 3.6373



14.4193, 17.3771, 2.5941



71.8278, 86.5626, 12.9225

Inverse Universe

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



13.4817, 13.7995, 17.8735



22.5702, 22.8989, 31.2058



14.1334, 14.1354, 17.9040



3.2177, 3.3005, 4.2217



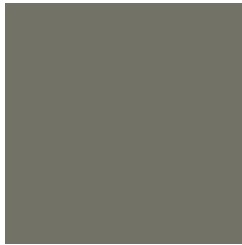
3.3814, 1.3526, 17.8045



16.8433, 6.7374, 88.6918

Previews

White Background



This preview shows how the XYZ color 15.4049, 16.5913, 15.2225 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 15.4049, 16.5913, 15.2225 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

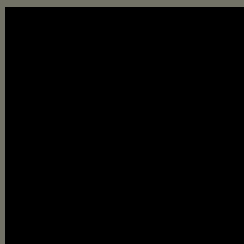
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

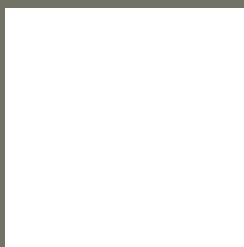
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.4049, 16.5913, 15.2225

Background



This preview shows how black text looks on a background with the XYZ color 15.4049, 16.5913, 15.2225.



This preview shows how white text looks on a background with the XYZ color 15.4049, 16.5913,

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

15.4049, 16.5913, 15.2225

Protanopia

15.7746, 16.6211, 14.9472

Deuteranopia

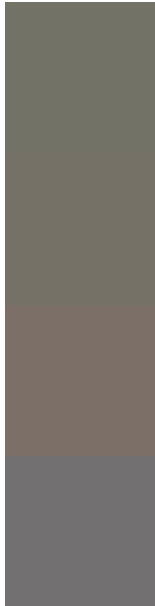
16.8694, 16.5259, 15.3974



Tritanopia

16.2771, 16.4379, 20.0842

Trichromacy



Original Color

15.4049, 16.5913, 15.2225

Protanomaly

15.6395, 16.5515, 14.9408

Deuteranomaly

16.3515, 16.5793, 15.4350

Tritanomaly

15.9017, 16.4481, 18.2563

Monochromacy



Original Color

15.4049, 16.5913, 15.2225

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

15.4755, 16.4251, 16.8227

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.4049, 16.5913, 15.2225 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, 114, 103)` looks like.

```
.text, #text, p{  
    color:rgb(114, 114, 103)  
}
```

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, 114, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 114, 103) }
```

Border

The CSS property to change the border of an element to XYZ 15.4049, 16.5913, 15.2225 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, 114, 103) }
```


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

```
.border{ border-color:rgb(114, 114, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 114, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 114, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 114, 103);  
box-shadow:4px 4px 4px 4px rgb(114, 114,  
103) }
```

Background

The CSS property to change the background color of an element to XYZ 15.4049, 16.5913, 15.2225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 114, 103) }
```

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

```
.background{ background-color: rgb(114,  
114, 103) }
```

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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