

Converting Colors

XYZ(15.3580, 16.6175, 14.0672)

Have a look what the booklet for
XYZ(15.3580, 16.6175, 14.0672)
contains.

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Color

**XYZ(15.2921, 16.5613,
13.9459)**

Conversions

Conversions Part 1

Format	Color
Hex	737262
RGB	115, 114, 98
RGB Percent	45%, 45%, 38%
CMY	0.5490, 0.5529, 0.6157
CMYK	0.00, 0.01, 0.15, 0.55
HSL	56°, 8%, 42%
HSV	56°, 15%, 45%
XYZ	15.2921, 16.5613, 13.9459
YIQ	112.4750, 5.7320, -4.7640

Conversions

Conversions Part 2

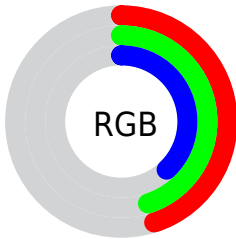
Format	Color
RYB	99, 115, 98
Decimal	7565922
CIELab	47.70, -2.64, 9.02
CIELCh	48, 9.394, 106.293
Yxy	16.5613, 0.3339, 0.3616
Android (android.graphics.Color)	4285756002 (0xFF737262)
YUV	112.4750, -7.1362, 2.2144
Hunter-Lab	40.6956, -4.1427, 8.1689

Details

The XYZ color **15.2921, 16.5613, 13.9459** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **12.5932, 12.7578, 18.0184**, and the grayscale version is **15.5603, 16.3707, 17.8277**.

A 20% lighter version of the original color is **34.9974, 37.6579, 33.8579**, and **4.8828, 5.3377, 4.0217** is the 20% darker color. If you saturate the color by 10%, you get **14.7121, 16.2086, 11.2634**, and if you desaturate by 10%, it is **15.9516, 16.9478, 17.0403**.

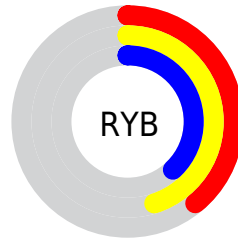
Distribution



Red (45%)

Green (45%)

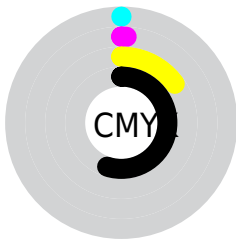
Blue (38%)



Red (39%)

Yellow (45%)

Blue (38%)

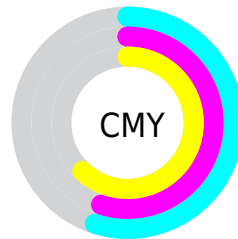


Cyan (0%)

Magenta (1%)

Yellow (15%)

Black (55%)



Cyan (55%)

Magenta (55%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.2921, 16.5613, 13.9459 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 15.2921, 16.5613, 13.9459 by changing the saturation by 10% instead.

■ 15.2921, 16.5613,
13.9459

■ 15.2921, 16.5613,
13.9459

218.4810,
232.6314, 228.3107

■ 9.1123, 9.9222,
7.9447

■ 34.9323, 37.5699,
33.7087

■ 4.8722, 5.3474,
3.9723

■ 49.1233, 52.7083,
48.3075

■ 2.2065, 2.4525,
1.6102

■ 66.7155, 71.4485,
66.6092

■ 0.7461, 0.8527,
0.2981

■ 88.0742, 94.1750,
89.0324

■ 0.0000, 0.0000,
0.0000

113.5648,
121.2721, 115.9956

143.5525,

153.1243, 147.9173

178.4028,
190.1159, 185.2162

■ 15.2921, 16.5613,
13.9459

■ 15.2921, 16.5613,
13.9459

■ 14.7121, 16.2086,
11.2634

■ 15.9516, 16.9478,
17.0403

■ 14.2069, 15.8861,
8.9743

■ 16.6924, 17.3672,
20.5618

■ 13.7735, 15.5932,
7.0602

■ 17.5179, 17.8214,
24.5265

■ 13.4079, 15.3284,
5.5009

■ 18.4308, 18.3114,
28.9489

■ 13.1061, 15.0900,
4.2743

■ 19.4339, 18.8385,
33.8432

■ 12.8633, 14.8761,
3.3558

■ 20.5296, 19.4034,
39.2228

■ 12.6742, 14.6845,
2.7175

■ 21.7205, 20.0074,
45.1006

■ 12.5300, 14.5118,
2.3130

■ 23.0089, 20.6513,
51.4891

■ 12.4598, 14.4240,
2.1274

■ 24.3971, 21.3360,
58.4001

Harmonies

Analogous

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



16.1270, 16.5613, 13.9004



15.2921, 16.5613, 13.9459



14.6018, 16.5613, 15.0205

Triad

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



15.2921, 16.5613, 13.9459



14.6509, 16.5613, 21.5883



17.3634, 16.5613, 19.1512

Complementary

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



15.2921, 16.5613, 13.9459



12.5932, 12.7578, 18.0184

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.



16.9380, 16.5613, 21.4222



15.2921, 16.5613, 13.9459



15.3613, 16.5613, 22.9115

Square

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



15.2921, 16.5613, 13.9459



14.2407, 16.5613, 19.3619



16.1986, 16.5613, 22.8482



17.3432, 16.5613, 16.7653

Rectangle

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



15.2921, 16.5613, 13.9459



14.3076, 16.5613, 16.2354



16.1986, 16.5613, 22.8482



17.2671, 16.5613, 19.9575

Sweetspot

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



15.2925, 16.5620, 13.9463



28.6496, 30.3973, 30.9163



13.6965, 13.2838, 13.6802



6.8157, 7.2408, 7.2854



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.



15.2925, 16.5620, 13.9463



26.9846, 29.4173, 23.1161



14.4753, 16.3086, 13.9404



3.9492, 4.2313, 3.9509



14.2389, 16.4790, 2.4303



69.1670, 79.8624, 11.7695

Inverse Universe

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



12.5932, 12.7578, 18.0184



21.0908, 21.1111, 32.0078



13.3312, 12.9989, 18.0261



3.5163, 3.6212, 4.6039



3.6156, 1.5709, 18.6552



17.4056, 7.2278, 90.8380

Previews

White Background



This preview shows how the XYZ color 15.2921, 16.5613, 13.9459 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 15.2921, 16.5613, 13.9459 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

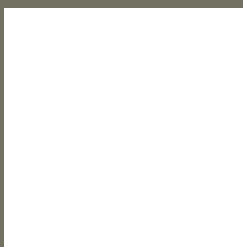
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.2921, 16.5613, 13.9459

Background



This preview shows how black text looks on a background with the XYZ color 15.2921, 16.5613, 13.9459.

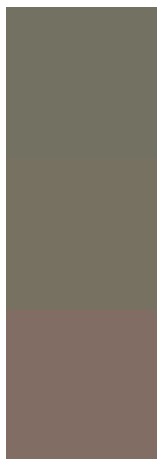


This preview shows how white text looks on a background with the XYZ color 15.2921, 16.5613,

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

15.2921, 16.5613, 13.9459

Protanopia

15.6705, 16.5953, 13.6865

Deuteranopia

16.7740, 16.5053, 14.1061



Tritanopia

16.5458, 16.5765, 20.0968

Trichromacy



Original Color

15.2921, 16.5613, 13.9459

Protanomaly

15.5340, 16.5249, 13.6802

Deuteranomaly

16.2488, 16.5548, 14.1434

Tritanomaly

16.0549, 16.5401, 17.6756

Monochromacy



Original Color

15.2921, 16.5613, 13.9459

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

15.3690, 16.3825, 16.2620

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.2921, 16.5613, 13.9459 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(115, 114, 98)` looks like.

```
.text, #text, p{  
    color:rgb(115, 114, 98)  
}
```

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(115, 114, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 114, 98) }
```

Border

The CSS property to change the border of an element to XYZ 15.2921, 16.5613, 13.9459 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(115, 114, 98) }
```


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

```
.border{ border-color:rgb(115, 114, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 114, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 114, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 114, 98);  
box-shadow:4px 4px 4px 4px rgb(115, 114,  
98) }
```

Background

The CSS property to change the background color of an element to XYZ 15.2921, 16.5613, 13.9459 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 114, 98) }
```

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

```
.background{ background-color: rgb(115,  
114, 98) }
```

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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