

Converting Colors

XYZ(22.2107, 22.0693, 15.1459)

Have a look what the booklet for
XYZ(22.2107, 22.0693, 15.1459)
contains.

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Color

**XYZ(22.2115, 22.0714,
15.1461)**

Conversions

Conversions Part 1

Format	Color
Hex	967D64
RGB	150, 125, 100
RGB Percent	59%, 49%, 39%
CMY	0.4118, 0.5098, 0.6078
CMYK	0.00, 0.17, 0.33, 0.41
HSL	30°, 20%, 49%
HSV	30°, 33%, 59%
XYZ	22.2115, 22.0714, 15.1461
YIQ	129.6250, 22.9250, -2.4750

Conversions

Conversions Part 2

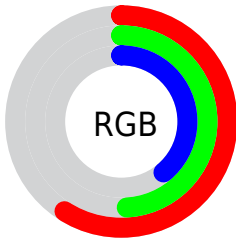
Format	Color
R_{YB}	150, 150, 100
Decimal	9862500
CIE _{Lab}	54.10, 5.81, 17.24
CIE _{LCh}	54, 18.191, 71.378
Yxy	22.0714, 0.3737, 0.3714
Android (android.graphics.Color)	4288052580 (0xFF967D64)
YUV	129.6250, -14.6051, 17.8689
Hunter-Lab	46.9802, 2.1766, 13.7715

Details

The XYZ color **22.2115, 22.0714, 15.1461** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **18.0938, 19.5777, 31.6793**, and the grayscale version is **21.1304, 22.2308, 24.2094**.

A 20% lighter version of the original color is **46.6831, 47.0543, 35.9001**, and **8.2640, 8.0226, 4.4811** is the 20% darker color. If you saturate the color by 10%, you get **20.6377, 19.9806, 11.3635**, and if you desaturate by 10%, it is **23.9918, 24.3611, 19.6576**.

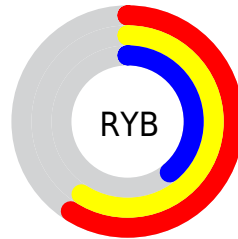
Distribution



Red (59%)

Green (49%)

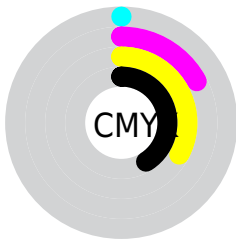
Blue (39%)



Red (59%)

Yellow (59%)

Blue (39%)

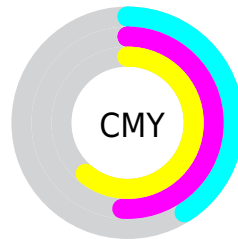


Cyan (0%)

Magenta (17%)

Yellow (33%)

Black (41%)



Cyan (41%)

Magenta (51%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.2115, 22.0714, 15.1461 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 22.2115, 22.0714, 15.1461 by changing the saturation by 10% instead.

■ 22.2115, 22.0714,
15.1461

■ 22.2115, 22.0714,
15.1461

256.2604,
262.9189, 235.9200

■ 14.1299, 13.9094,
8.7742

■ 46.5716, 46.8640,
35.8552

■ 8.2933, 8.0577,
4.4994

■ 63.5807, 64.2633,
51.0295

■ 4.3366, 4.1319,
1.9031

■ 84.2964, 85.5105,
69.9750

■ 1.8943, 1.7476,
0.4947

■ 109.0840,
110.9901, 93.1103

■ 0.5735, 0.4542,
0.0000

138.3088,
141.0863, 120.8539

■ 0.0000, 0.0000,
0.0000

172.3363,

176.1835, 153.6244

211.5317,
216.6663, 191.8402

■ 22.2115, 22.0714,
15.1461

■ 22.2115, 22.0714,
15.1461

■ 20.6377, 19.9806,
11.3635

■ 23.9918, 24.3611,
19.6576

■ 19.2598, 18.0795,
8.2691

■ 25.9853, 26.8524,
24.9329

■ 18.0687, 16.3627,
5.8206

■ 28.2003, 29.5519,
31.0062

■ 17.0537, 14.8232,
3.9699

■ 30.6441, 32.4646,
37.9093

■ 16.2027, 13.4535,
2.6626

■ 33.3239, 35.5958,
45.6722

■ 15.5019, 12.2449,
1.8337

■ 36.2462, 38.9501,
54.3234

■ 15.0945, 11.5177,
1.4276

■ 39.4174, 42.5324,
63.8902

■ 42.8439, 46.3471,
74.3984

■ 46.5313, 50.3986,
85.8733

Harmonies

Analogous

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



23.9516, 22.0714, 17.5493



22.2115, 22.0714, 15.1461



20.2396, 22.0714, 14.8867

Triad

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



22.2115, 22.0714, 15.1461



17.4787, 22.0714, 26.2368



23.5837, 22.0714, 33.1283

Complementary

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



22.2115, 22.0714, 15.1461



18.0938, 19.5777, 31.6793

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.



21.7345, 22.0714, 36.3164



22.2115, 22.0714, 15.1461



18.2617, 22.0714, 31.9419

Square

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



22.2115, 22.0714, 15.1461



17.5887, 22.0714, 20.7308



19.7914, 22.0714, 35.8511



24.7774, 22.0714, 27.6662

Rectangle

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



22.2115, 22.0714, 15.1461



19.0667, 22.0714, 15.9074



19.7914, 22.0714, 35.8511



23.0134, 22.0714, 34.5374

Sweetspot

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



22.2121, 22.0724, 15.1466



47.0415, 48.8426, 47.2076



20.8366, 17.0792, 21.6006



10.3182, 10.6931, 10.1713



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



22.2121, 22.0724, 15.1466



37.0945, 36.1684, 21.6346



25.7842, 29.2167, 16.3373



6.0260, 6.2658, 6.1323



12.5512, 9.6168, 1.1947



0.1830, 0.1765, 0.0244

Inverse Universe

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



18.0938, 19.5777, 31.6793



28.6819, 31.0723, 55.4071



15.3179, 14.0259, 30.7540



5.7246, 6.0833, 7.3422



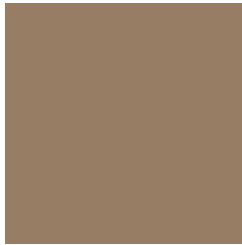
6.6840, 6.0628, 24.7490



0.1112, 0.1330, 0.3127

Previews

White Background



This preview shows how the XYZ color 22.2115, 22.0714, 15.1461 looks on a white 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

Black Background



This preview shows how the XYZ color 22.2115, 22.0714, 15.1461 looks on a black 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

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

XYZ 22.2115, 22.0714, 15.1461

Background



This preview shows how black text looks on a background with the XYZ color 22.2115, 22.0714, 15.1461.



This preview shows how white text looks on a background with the XYZ color 22.2115, 22.0714,

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

22.2115, 22.0714, 15.1461

Protanopia

20.7298, 22.0631, 15.7364

Deuteranopia

22.4568, 22.0108, 15.1215



Tritanopia

24.0035, 22.0588, 24.1117

Trichromacy



Original Color

22.2115, 22.0714, 15.1461

Protanomaly

21.2235, 22.1287, 15.4646

Deuteranomaly

22.2704, 21.9147, 15.1128

Tritanomaly

23.2382, 21.9264, 20.4602

Monochromacy



Original Color

22.2115, 22.0714, 15.1461

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

21.3655, 22.0886, 20.5902

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.2115, 22.0714, 15.1461 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(150, 125, 100)` looks like.

```
.text, #text, p{  
    color:rgb(150, 125, 100)  
}
```

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(150, 125, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 125, 100) }
```

Border

The CSS property to change the border of an element to XYZ 22.2115, 22.0714, 15.1461 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(150, 125, 100) }
```


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

```
.border{ border-color:rgb(150, 125, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 125, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 125, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 125, 100);  
box-shadow:4px 4px 4px 4px rgb(150, 125,  
100) }
```

Background

The CSS property to change the background color of an element to XYZ 22.2115, 22.0714, 15.1461 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 125, 100) }
```

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

```
.background{ background-color: rgb(150,  
125, 100) }
```

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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