

Converting Colors

XYZ(15.5647, 15.3437, 14.2195)

Have a look what the booklet for
XYZ(15.5647, 15.3437, 14.2195)
contains.

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Color

**XYZ(15.6227, 15.4391,
14.2132)**

Conversions

Conversions Part 1

Format	Color
Hex	7B6A64
RGB	123, 106, 100
RGB Percent	48%, 42%, 39%
CMY	0.5176, 0.5843, 0.6078
CMYK	0.00, 0.14, 0.19, 0.52
HSL	16°, 10%, 44%
HSV	16°, 19%, 48%
XYZ	15.6227, 15.4391, 14.2132
YIQ	110.3990, 12.0580, 1.7380

Conversions

Conversions Part 2

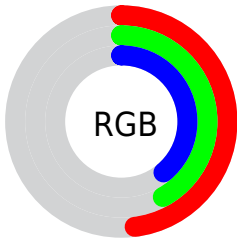
Format	Color
R_{YB}	123, 108, 100
Decimal	8088164
CIE Lab	46.23, 5.66, 5.84
CIE LCh	46, 8.130, 45.897
Yxy	15.4391, 0.3451, 0.3410
Android (android.graphics.Color)	4286278244 (0xFF7B6A64)
YUV	110.3990, -5.1267, 11.0511
Hunter-Lab	39.2926, 2.2093, 6.0580

Details

The XYZ color **15.6227, 15.4391, 14.2132** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.1920, 16.8617, 21.1931**, and the grayscale version is **14.9479, 15.7264, 17.1260**.

A 20% lighter version of the original color is **35.5474, 35.5784, 34.2719**, and **5.0306, 4.8408, 4.0374** is the 20% darker color. If you saturate the color by 10%, you get **14.1842, 13.4439, 11.0150**, and if you desaturate by 10%, it is **17.2513, 17.6703, 17.9187**.

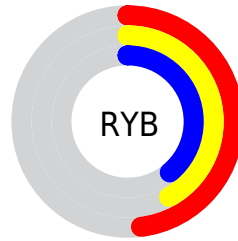
Distribution



Red (48%)

Green (42%)

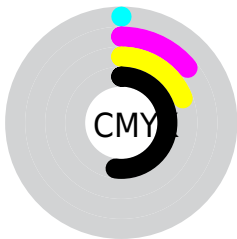
Blue (39%)



Red (48%)

Yellow (42%)

Blue (39%)

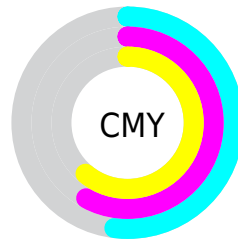


Cyan (0%)

Magenta (14%)

Yellow (19%)

Black (52%)



Cyan (52%)

Magenta (58%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.6227, 15.4391, 14.2132 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 15.6227, 15.4391, 14.2132 by changing the saturation by 10% instead.

■ 15.6227, 15.4391,
14.2132

■ 15.6227, 15.4391,
14.2132

220.4194,
226.0088, 230.0275

■ 9.3467, 9.1281,
8.1287

■ 35.5047, 35.6217,
34.1894

■ 5.0269, 4.8249,
4.0884

■ 49.8414, 50.2621,
48.9181

■ 2.2980, 2.1449,
1.6740

■ 67.5958, 68.4477,
67.3653

■ 0.7936, 0.6897,
0.3428

■ 89.1331, 90.5630,
89.9496

■ 0.0000, 0.0000,
0.0000

114.8188,
116.9924, 117.0894

145.0181,

148.1202, 149.2033

180.0966,
184.3309, 186.7098

■ 15.6227, 15.4391,
14.2132

■ 15.6227, 15.4391,
14.2132

■ 14.1842, 13.4439,
11.0150

■ 17.2513, 17.6703,
17.9187

■ 12.9274, 11.6748,
8.3008

■ 19.0754, 20.1428,
22.1512

■ 11.8452, 10.1244,
6.0473

■ 21.1018, 22.8644,
26.9308

■ 10.9295, 8.7839,
4.2284

■ 23.3366, 25.8418,
32.2760

■ 10.1714, 7.6440,
2.8157

■ 25.7856, 29.0816,
38.2047

■ 9.5613, 6.6947,
1.7773

■ 28.4545, 32.5900,
44.7337

■ 9.0883, 5.9248,
1.0765

■ 31.3485, 36.3731,
51.8793

■ 8.7290, 5.3179,
0.6123

■ 34.4729, 40.4368,
59.6573

■ 8.6877, 5.2494,
0.5553

■ 37.8327, 44.7866,
68.0827

Harmonies

Analogous

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



15.9954, 15.4391, 15.7855



15.6227, 15.4391, 14.2132



15.0019, 15.4391, 13.3702

Triad

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



15.6227, 15.4391, 14.2132



13.4180, 15.4391, 15.8965



15.0429, 15.4391, 20.7599

Complementary

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



15.6227, 15.4391, 14.2132



15.1920, 16.8617, 21.1931

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.



14.3517, 15.4391, 20.7956



15.6227, 15.4391, 14.2132



13.4282, 15.4391, 17.8791

Square

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



15.6227, 15.4391, 14.2132



13.7370, 15.4391, 14.2890



13.7653, 15.4391, 19.7065



15.6535, 15.4391, 19.6126

Rectangle

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



15.6227, 15.4391, 14.2132



14.5378, 15.4391, 13.2889



13.7653, 15.4391, 19.7065



14.8119, 15.4391, 20.9052

Sweetspot

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



15.6231, 15.4398, 14.2135



31.6919, 32.7307, 33.9301



15.9514, 14.6158, 18.8874



7.4261, 7.6571, 7.9037



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

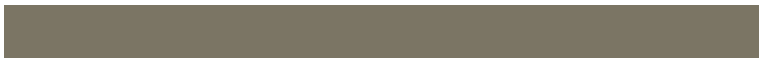
The Same Dimension uses a secret algorithm to generate beautiful new colors.



15.6231, 15.4398, 14.2135



26.9474, 26.2264, 23.1469



16.8593, 17.9122, 14.6256



4.0755, 4.1695, 4.2145



8.9832, 5.4222, 0.5731



42.2493, 24.6620, 2.5335

Inverse Universe

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



15.1920, 16.8617, 21.1931



26.0400, 29.2148, 37.8232



13.9592, 14.3962, 20.7822



4.0228, 4.3438, 5.0696



7.5554, 9.1932, 20.7616



35.3214, 42.4154, 98.7951

Previews

White Background



This preview shows how the XYZ color 15.6227, 15.4391, 14.2132 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 15.6227, 15.4391, 14.2132 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 15.6227, 15.4391, 14.2132

Background



This preview shows how black text looks on a background with the XYZ color 15.6227, 15.4391, 14.2132.

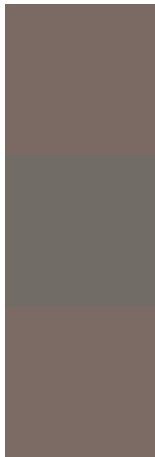


This preview shows how white text looks on a background with the XYZ color 15.6227, 15.4391,

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

15.6227, 15.4391, 14.2132

Protanopia

14.6770, 15.4073, 14.7707

Deuteranopia

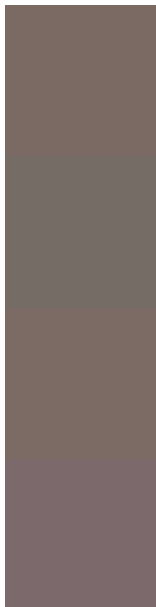
15.7665, 15.5133, 14.2200



Tritanopia

16.3324, 15.4305, 17.4468

Trichromacy



Original Color

15.6227, 15.4391, 14.2132

Protanomaly

15.0476, 15.4466, 14.5003

Deuteranomaly

15.7665, 15.5133, 14.2200

Tritanomaly

16.0705, 15.4709, 16.3265

Monochromacy



Original Color

15.6227, 15.4391, 14.2132

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

15.1404, 15.6227, 15.8532

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.6227, 15.4391, 14.2132 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(123, 106, 100)` looks like.

```
.text, #text, p{  
    color:rgb(123, 106, 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(123, 106, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 106, 100) }
```

Border

The CSS property to change the border of an element to XYZ 15.6227, 15.4391, 14.2132 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(123, 106, 100) }
```


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

```
.border{ border-color:rgb(123, 106, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 106, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 106, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 106, 100);  
box-shadow:4px 4px 4px 4px rgb(123, 106,  
100) }
```

Background

The CSS property to change the background color of an element to XYZ 15.6227, 15.4391, 14.2132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 106, 100) }
```

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

```
.background{ background-color: rgb(123,  
106, 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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