

Converting Colors

XYZ(15.7332, 13.6415, 16.4929)

Have a look what the booklet for
XYZ(15.7332, 13.6415, 16.4929)
contains.

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Color

**XYZ(15.7821, 13.6216,
16.5493)**

Conversions

Conversions Part 1

Format	Color
Hex	815D6E
RGB	129, 93, 110
RGB Percent	51%, 36%, 43%
CMY	0.4941, 0.6353, 0.5686
CMYK	0.00, 0.28, 0.15, 0.49
HSL	332°, 16%, 44%
HSV	332°, 28%, 51%
XYZ	15.7821, 13.6216, 16.5493
YIQ	105.7020, 15.9990, 12.9190

Conversions

Conversions Part 2

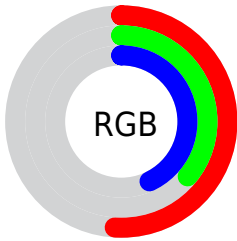
Format	Color
R_{YB}	129, 93, 110
Decimal	8478062
CIE Lab	43.69, 17.55, -3.83
CIE LCh	44, 17.967, 347.697
Yxy	13.6216, 0.3434, 0.2964
Android (android.graphics.Color)	4286668142 (0xFF815D6E)
YUV	105.7020, 2.1189, 20.4323
Hunter-Lab	36.9075, 11.7408, -0.7504

Details

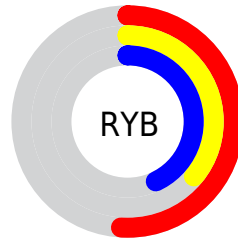
The XYZ color **15.7821, 13.6216, 16.5493** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **15.2897, 19.1979, 18.2298**, and the grayscale version is **13.6098, 14.3185, 15.5929**.

A 20% lighter version of the original color is **35.7862, 32.5002, 38.5695**, and **5.0709, 3.9641, 5.0553** is the 20% darker color. If you saturate the color by 10%, you get **14.3874, 11.4027, 14.3252**, and if you desaturate by 10%, it is **17.3971, 16.2352, 18.9877**.

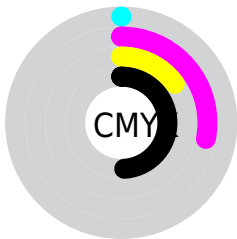
Distribution



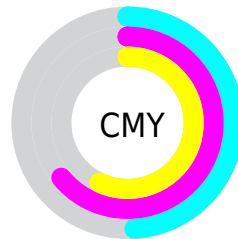
- Red (51%)
- Green (36%)
- Blue (43%)



- Red (51%)
- Yellow (36%)
- Blue (43%)



- Cyan (0%)
- Magenta (28%)
- Yellow (15%)
- Black (49%)



- Cyan (49%)
- Magenta (64%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.7821, 13.6216, 16.5493 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 15.7821, 13.6216, 16.5493 by changing the saturation by 10% instead.

■ 15.7821, 13.6216,
16.5493

■ 15.7821, 13.6216,
16.5493

221.3482,
214.8639, 244.5170

■ 9.4600, 7.8580,
9.7551

■ 35.7800, 32.4161,
38.3292

■ 5.1019, 4.0042,
5.1334

■ 50.1865, 46.2157,
54.1520

■ 2.3425, 1.6759,
2.2657

■ 68.0185, 63.4628,
73.8214

■ 0.8163, 0.4080,
0.7119

■ 89.6413, 84.5418,
97.7560

■ 0.0000, 0.0000,
0.0000

115.4203,
109.8369, 126.3744

145.7209,

139.7328, 160.0949

180.9085,
174.6136, 199.3363

■ 15.7821, 13.6216,
16.5493

■ 15.7821, 13.6216,
16.5493

■ 14.3874, 11.4027,
14.3252

■ 17.3971, 16.2352,
18.9877

■ 13.2016, 9.5573,
12.3080

■ 19.2408, 19.2596,
21.6459

■ 12.2141, 8.0647,
10.4910

■ 21.3224, 22.7125,
24.5299

■ 11.4126, 6.9020,
8.8669

■ 23.6506, 26.6099,
27.6454

■ 10.7836, 6.0429,
7.4276

■ 26.2331, 30.9668,
30.9980

■ 10.3116, 5.4576,
6.1643

■ 29.0779, 35.7977,
34.5929

■ 9.9615, 5.0774,
5.0614

■ 32.1920, 41.1165,
38.4351

■ 9.8933, 5.0032,
4.8468

■ 35.5827, 46.9363,
42.5296

■ 39.2567, 53.2699,
46.8812

Harmonies

Analogous

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



15.0585, 13.6216, 20.6987



15.7821, 13.6216, 16.5493



15.7068, 13.6216, 12.5933

Triad

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



15.7821, 13.6216, 16.5493



12.1397, 13.6216, 8.5935



11.2057, 13.6216, 21.3510

Complementary

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



15.7821, 13.6216, 16.5493



15.2897, 19.1979, 18.2298

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.



10.5309, 13.6216, 17.3206



15.7821, 13.6216, 16.5493



11.0426, 13.6216, 10.1934

Square

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



15.7821, 13.6216, 16.5493



13.5336, 13.6216, 8.4627



10.4734, 13.6216, 13.2371



12.3775, 13.6216, 23.7900

Rectangle

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



15.7821, 13.6216, 16.5493



15.2140, 13.6216, 10.5704



10.4734, 13.6216, 13.2371



10.9170, 13.6216, 20.1071

Sweetspot

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



15.7825, 13.6222, 16.5496



34.3566, 34.3260, 38.6226



14.5086, 12.8329, 22.4814



7.6730, 7.5991, 8.5954



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



15.7825, 13.6222, 16.5496



26.7501, 21.9785, 27.2531



14.9968, 13.3925, 12.1512



4.4057, 4.3754, 4.9409



9.6481, 4.8789, 4.7365



0.0000, 0.0000, 0.0000

Inverse Universe

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



15.7825, 13.6222, 16.5496



26.7501, 21.9785, 27.2531



16.2485, 19.4554, 23.6680



4.4057, 4.3754, 4.9409



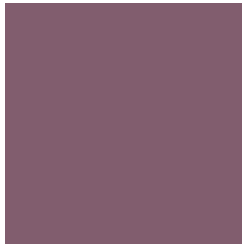
9.6481, 4.8789, 4.7365



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 15.7821, 13.6216, 16.5493 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 15.7821, 13.6216, 16.5493 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 15.7821, 13.6216, 16.5493

Background



This preview shows how black text looks on a background with the XYZ color 15.7821, 13.6216, 16.5493.



This preview shows how white text looks on a background with the XYZ color 15.7821, 13.6216,

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

15.7821, 13.6216, 16.5493

Protanopia

13.4821, 13.7862, 18.4734

Deuteranopia

13.8730, 13.5980, 16.3615



Tritanopia

15.3031, 13.5539, 14.3800

Trichromacy



Original Color

15.7821, 13.6216, 16.5493

Protanomaly

14.1812, 13.5833, 17.7940

Deuteranomaly

14.5062, 13.5051, 16.3102

Tritanomaly

15.4546, 13.6145, 15.1779

Monochromacy



Original Color

15.7821, 13.6216, 16.5493

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

14.2470, 13.9463, 15.8509

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.7821, 13.6216, 16.5493 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(129, 93, 110)` looks like.

```
.text, #text, p{  
    color:rgb(129, 93, 110)  
}
```

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(129, 93, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 93, 110) }
```

Border

The CSS property to change the border of an element to XYZ 15.7821, 13.6216, 16.5493 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(129, 93, 110) }
```


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

```
.border{ border-color:rgb(129, 93, 110) }
```

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

Here you see how a box with a 4 pixel rgb(129, 93, 110) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 93, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 93, 110);  
box-shadow:4px 4px 4px 4px rgb(129, 93,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 15.7821, 13.6216, 16.5493 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 93, 110) }
```

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

```
.background{ background-color: rgb(129, 93,  
110) }
```

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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