

Converting Colors

XYZ(16.2653, 15.7296, 16.0888)

Have a look what the booklet for
XYZ(16.2653, 15.7296, 16.0888)
contains.

XYZ(16.2653, 15.7296, 16.0888)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(16.2653, 15.7296,
16.0888)**

Conversions

Conversions Part 1

Format	Color
Hex	7D6A6B
RGB	125, 106, 107
RGB Percent	49%, 42%, 42%
CMY	0.5098, 0.5843, 0.5804
CMYK	0.00, 0.15, 0.14, 0.51
HSL	357°, 8%, 45%
HSV	357°, 15%, 49%
XYZ	16.2653, 15.7296, 16.0888
YIQ	111.7950, 11.0030, 4.3390

Conversions

Conversions Part 2

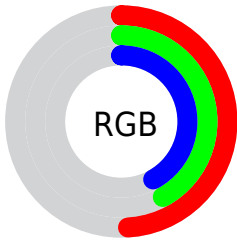
Format	Color
R_{YB}	125, 106, 107
Decimal	8219243
CIE Lab	46.62, 7.69, 2.23
CIE LCh	47, 8.007, 16.148
Yxy	15.7296, 0.3383, 0.3271
Android (android.graphics.Color)	4286409323 (0xFF7D6A6B)
YUV	111.7950, -2.3639, 11.5808
Hunter-Lab	39.6606, 3.7991, 3.7107

Details

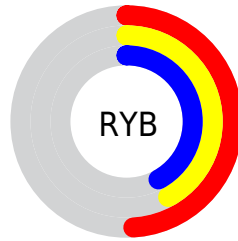
The XYZ color **16.2653, 15.7296, 16.0888** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.9161, 19.1869, 21.8815**, and the grayscale version is **15.3458, 16.1450, 17.5819**.

A 20% lighter version of the original color is **36.5886, 36.0475, 37.3772**, and **5.3601, 4.9907, 4.9558** is the 20% darker color. If you saturate the color by 10%, you get **14.4889, 13.1064, 12.6302**, and if you desaturate by 10%, it is **18.3158, 18.7639, 20.0603**.

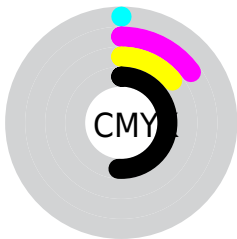
Distribution



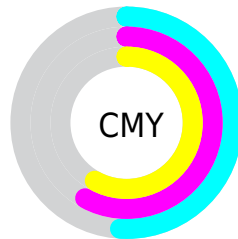
- Red (49%)
- Green (42%)
- Blue (42%)



- Red (49%)
- Yellow (42%)
- Blue (42%)



- Cyan (0%)
- Magenta (15%)
- Yellow (14%)
- Black (51%)



- Cyan (51%)
- Magenta (58%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.2653, 15.7296, 16.0888 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 16.2653, 15.7296, 16.0888 by changing the saturation by 10% instead.

■ 16.2653, 15.7296,
16.0888

■ 16.2653, 15.7296,
16.0888

224.1419,
227.7408, 241.7287

■ 9.8041, 9.3330,
9.4320

■ 36.6119, 36.1281,
37.5212

■ 5.3305, 4.9590,
4.9234

■ 51.2280, 50.8989,
53.1339

■ 2.4792, 2.2232,
2.1444

■ 69.2932, 69.2298,
72.5690

■ 0.8848, 0.7326,
0.6420

■ 91.1727, 91.5053,
96.2449

■ 0.0000, 0.0000,
0.0000

117.2320,
118.1097, 124.5804

147.8364,

149.4275, 157.9938

183.3513,
185.8431, 196.9037

■ 16.2653, 15.7296,
16.0888

■ 16.2653, 15.7296,
16.0888

■ 14.4889, 13.1064,
12.6302

■ 18.3158, 18.7639,
20.0603

■ 12.9736, 10.8747,
9.6625

■ 20.6498, 22.2237,
24.5633

■ 11.7076, 9.0164,
7.1639

■ 23.2782, 26.1254,
29.6168

■ 10.6776, 7.5110,
5.1104

■ 26.2106, 30.4837,
35.2385

■ 9.8688, 6.3362,
3.4757

■ 29.4563, 35.3127,
41.4453

■ 9.2650, 5.4671,
2.2311

■ 33.0242, 40.6260,
48.2535

■ 8.8479, 4.8754,
1.3441

■ 36.9229, 46.4365,
55.6785

■ 8.5905, 4.5175,
0.7752

■ 41.1607, 52.7567,
63.7356

■ 8.4934, 4.3744,
0.5852

■ 45.7454, 59.5986,
72.4391

Harmonies

Analogous

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



16.2799, 15.7296, 18.0555



16.2653, 15.7296, 16.0888



15.8914, 15.7296, 14.5233

Triad

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



16.2653, 15.7296, 16.0888



14.0114, 15.7296, 14.6203



14.6342, 15.7296, 21.0993

Complementary

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



16.2653, 15.7296, 16.0888



16.9161, 19.1869, 21.8815

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.



14.0475, 15.7296, 20.0243



16.2653, 15.7296, 16.0888



13.6955, 15.7296, 16.2307

Square

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



16.2653, 15.7296, 16.0888



14.5835, 15.7296, 13.7212



13.7086, 15.7296, 18.2086



15.3236, 15.7296, 21.0540

Rectangle

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



16.2653, 15.7296, 16.0888



15.4950, 15.7296, 13.8728



13.7086, 15.7296, 18.2086



14.4189, 15.7296, 20.8536

Sweetspot

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



16.2657, 15.7303, 16.0891



32.8291, 33.6460, 35.9811



17.1298, 16.0547, 21.5981



7.4164, 7.5777, 8.0857



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.



16.2657, 15.7303, 16.0891



28.0451, 26.5689, 26.7074



17.1030, 17.4884, 16.1108



4.3362, 4.3476, 4.5750



8.8637, 4.5652, 0.6063



0.0000, 0.0000, 0.0000

Inverse Universe

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



16.2657, 15.7303, 16.0891



28.0451, 26.5689, 26.7074



15.9803, 17.2137, 21.8824



4.3362, 4.3476, 4.5750



8.8637, 4.5652, 0.6063



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 16.2653, 15.7296, 16.0888 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 16.2653, 15.7296, 16.0888 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 16.2653, 15.7296, 16.0888

Background



This preview shows how black text looks on a background with the XYZ color 16.2653, 15.7296, 16.0888.

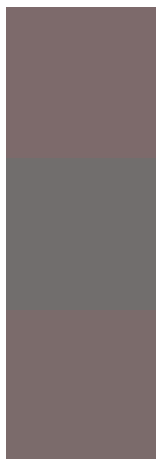


This preview shows how white text looks on a background with the XYZ color 16.2653, 15.7296,

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

16.2653, 15.7296, 16.0888

Protanopia

15.1463, 15.7667, 16.7130

Deuteranopia

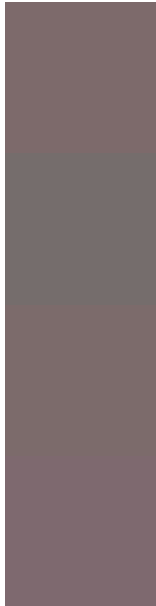
16.0799, 15.7879, 16.1098



Tritanopia

16.6364, 15.7310, 17.7823

Trichromacy



Original Color

16.2653, 15.7296, 16.0888

Protanomaly

15.5115, 15.8019, 16.4199

Deuteranomaly

16.2237, 15.8620, 16.1165

Tritanomaly

16.5250, 15.6865, 17.1958

Monochromacy



Original Color

16.2653, 15.7296, 16.0888

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

15.7265, 16.0596, 17.0228

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.2653, 15.7296, 16.0888 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(125, 106, 107)` looks like.

```
.text, #text, p{  
    color:rgb(125, 106, 107)  
}
```

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(125, 106, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 106, 107) }
```

Border

The CSS property to change the border of an element to XYZ 16.2653, 15.7296, 16.0888 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(125, 106, 107) }
```


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

```
.border{ border-color:rgb(125, 106, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 106, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 106, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 106, 107);  
box-shadow:4px 4px 4px 4px rgb(125, 106,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 16.2653, 15.7296, 16.0888 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 106, 107) }
```

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

```
.background{ background-color: rgb(125,  
106, 107) }
```

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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