

Converting Colors

XYZ(16.3087, 16.3721, 16.4879)

Have a look what the booklet for
XYZ(16.3087, 16.3721, 16.4879)
contains.

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Color

**XYZ(16.3087, 16.3721,
16.4879)**

Conversions

Conversions Part 1

Format	Color
Hex	7A6E6C
RGB	122, 110, 108
RGB Percent	48%, 43%, 42%
CMY	0.5216, 0.5686, 0.5765
CMYK	0.00, 0.10, 0.11, 0.52
HSL	9°, 6%, 45%
HSV	9°, 11%, 48%
XYZ	16.3087, 16.3721, 16.4879
YIQ	113.3600, 7.7940, 1.9220

Conversions

Conversions Part 2

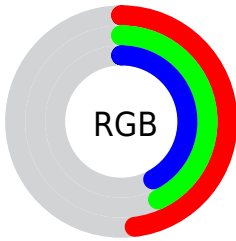
Format	Color
R_{YB}	122, 110, 108
Decimal	8023660
CIE _{Lab}	47.46, 4.31, 2.81
CIE _{LCh}	47, 5.146, 33.094
Yxy	16.3721, 0.3317, 0.3330
Android (android.graphics.Color)	4286213740 (0xFF7A6E6C)
YUV	113.3600, -2.6425, 7.5773
Hunter-Lab	40.4625, 1.1365, 4.1638

Details

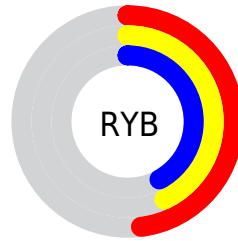
The XYZ color **16.3087, 16.3721, 16.4879** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.4136, 18.0258, 21.0267**, and the grayscale version is **15.8093, 16.6326, 18.1129**.

A 20% lighter version of the original color is **36.6339, 37.3425, 38.0779**, and **5.3126, 5.1986, 5.1383** is the 20% darker color. If you saturate the color by 10%, you get **14.6422, 14.0063, 12.9500**, and if you desaturate by 10%, it is **18.2002, 19.0420, 20.5495**.

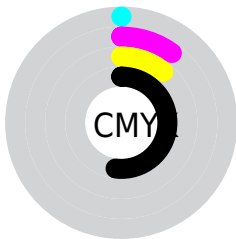
Distribution



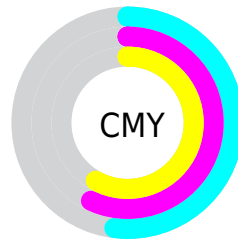
- Red (48%)
- Green (43%)
- Blue (42%)



- Red (48%)
- Yellow (43%)
- Blue (42%)



- Cyan (0%)
- Magenta (10%)
- Yellow (11%)
- Black (52%)



- Cyan (52%)
- Magenta (57%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.3087, 16.3721, 16.4879 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 16.3087, 16.3721, 16.4879 by changing the saturation by 10% instead.

■ 16.3087, 16.3721,
16.4879

■ 16.3087, 16.3721,
16.4879

224.3912,
231.5275, 244.1470

■ 9.8351, 9.7878,
9.7120

■ 36.6864, 37.2430,
38.2217

■ 5.3512, 5.2585,
5.1053

■ 51.3213, 52.2984,
54.0166

■ 2.4916, 2.3997,
2.2494

■ 69.4072, 70.9463,
73.6550

■ 0.8910, 0.8258,
0.7026

■ 91.3096, 93.5712,
97.5553

■ 0.0000, 0.0000,
0.0000

117.3939,
120.5573, 126.1361

148.0253,

152.2892, 159.8160

183.5693,
189.1511, 199.0134

■ 16.3087, 16.3721,
16.4879

■ 16.3087, 16.3721,
16.4879

■ 14.6422, 14.0063,
12.9500

■ 18.2002, 19.0420,
20.5495

■ 13.1908, 11.9316,
9.9135

■ 20.3231, 22.0239,
25.1538

■ 11.9462, 10.1375,
7.3560

■ 22.6855, 25.3283,
30.3202

■ 10.8989, 8.6118,
5.2528

■ 25.2946, 28.9644,
36.0668

■ 10.0385, 7.3415,
3.5773

■ 28.1571, 32.9413,
42.4108

■ 9.3539, 6.3126,
2.3001

■ 31.2799, 37.2674,
49.3689

■ 8.8326, 5.5096,
1.3877

■ 34.6691, 41.9510,
56.9570

■ 8.4605, 4.9153,
0.8015

■ 38.3310, 47.0000,
65.1904

■ 8.2336, 4.5525,
0.4448

■ 42.2716, 52.4224,
74.0839

Harmonies

Analogous

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



16.4548, 16.3721, 17.6910



16.3087, 16.3721, 16.4879



15.9621, 16.3721, 15.6760

Triad

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



16.3087, 16.3721, 16.4879



14.7910, 16.3721, 16.7122



15.6086, 16.3721, 20.4581

Complementary

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



16.3087, 16.3721, 16.4879



16.4136, 18.0258, 21.0267

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.



15.1671, 16.3721, 20.1650



16.3087, 16.3721, 16.4879



14.7005, 16.3721, 17.9626

Square

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



16.3087, 16.3721, 16.4879



15.0865, 16.3721, 15.8010



14.8369, 16.3721, 19.2355



16.0457, 16.3721, 20.0180

Rectangle

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



16.3087, 16.3721, 16.4879



15.6670, 16.3721, 15.4440



14.8369, 16.3721, 19.2355



15.4558, 16.3721, 20.4421

Sweetspot

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



16.3092, 16.3728, 16.4882



31.4610, 32.7138, 34.9480



16.7870, 16.2222, 20.0583



7.1372, 7.4005, 7.8694



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

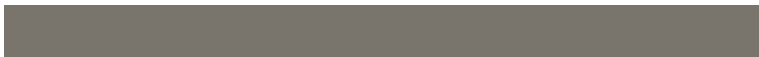
The Same Dimension uses a secret algorithm to generate beautiful new colors.



16.3092, 16.3728, 16.4882



27.8134, 27.5592, 27.1334



17.0787, 17.9120, 16.7448



4.0403, 4.0991, 4.2027



8.6644, 4.7846, 0.4669



40.9421, 22.0477, 2.0977

Inverse Universe

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



16.4136, 18.0258, 21.0267



28.0384, 31.1243, 36.9227



15.6174, 16.4335, 20.7613



4.0606, 4.4194, 5.0822



8.9645, 12.0114, 21.2313



42.2865, 56.3456, 101.1168

Previews

White Background



This preview shows how the XYZ color 16.3087, 16.3721, 16.4879 looks on a white background.

Color Contrast Check

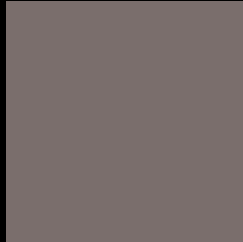
Large Text (above 18pt) WCAG AA ✓ Pass

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 16.3087, 16.3721, 16.4879 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

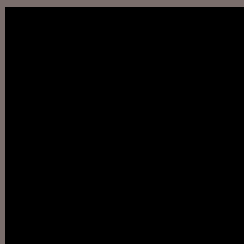
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 16.3087, 16.3721, 16.4879

Background



This preview shows how black text looks on a background with the XYZ color 16.3087, 16.3721, 16.4879.



This preview shows how white text looks on a background with the XYZ color 16.3087, 16.3721,

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

16.3087, 16.3721, 16.4879

Protanopia

15.6247, 16.3373, 16.7979

Deuteranopia

16.6329, 16.3800, 16.4724



Tritanopia

16.8479, 16.4326, 19.1134

Trichromacy



Original Color

16.3087, 16.3721, 16.4879

Protanomaly

15.9160, 16.3246, 16.7801

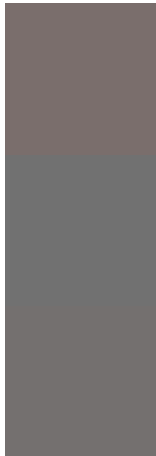
Deuteranomaly

16.4876, 16.3051, 16.4656

Tritanomaly

16.6743, 16.3631, 18.1992

Monochromacy



Original Color

16.3087, 16.3721, 16.4879

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

15.8659, 16.4490, 17.3777

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.3087, 16.3721, 16.4879 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(122, 110, 108)` looks like.

```
.text, #text, p{  
    color:rgb(122, 110, 108)  
}
```

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(122, 110, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 110, 108) }
```

Border

The CSS property to change the border of an element to XYZ 16.3087, 16.3721, 16.4879 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(122, 110, 108) }
```


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

```
.border{ border-color:rgb(122, 110, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 110, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 110, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 110, 108);  
box-shadow:4px 4px 4px 4px rgb(122, 110,  
108) }
```

Background

The CSS property to change the background color of an element to XYZ 16.3087, 16.3721, 16.4879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 110, 108) }
```

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

```
.background{ background-color: rgb(122,  
110, 108) }
```

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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