

Converting Colors

XYZ(16.2702, 15.4976, 15.0383)

Have a look what the booklet for
XYZ(16.2702, 15.4976, 15.0383)
contains.

XYZ(16.3006, 15.4691, 14.9587)	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(16.3006, 15.4691,
14.9587)**

Conversions

Conversions Part 1

Format	Color
Hex	806867
RGB	128, 104, 103
RGB Percent	50%, 41%, 40%
CMY	0.4980, 0.5921, 0.5961
CMYK	0.00, 0.19, 0.20, 0.50
HSL	2°, 11%, 45%
HSV	2°, 20%, 50%
XYZ	16.3006, 15.4691, 14.9587
YIQ	111.0620, 14.6250, 4.7770

Conversions

Conversions Part 2

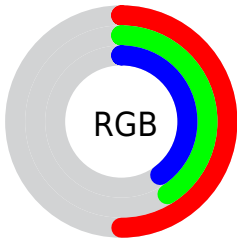
Format	Color
R_{YB}	128, 104, 103
Decimal	8415335
CIE Lab	46.27, 9.39, 4.16
CIE LCh	46, 10.271, 23.913
Yxy	15.4691, 0.3488, 0.3310
Android (android.graphics.Color)	4286605415 (0xFF806867)
YUV	111.0620, -3.9746, 14.8546
Hunter-Lab	39.3308, 5.1503, 4.9817

Details

The XYZ color **16.3006, 15.4691, 14.9587** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.0791, 19.6204, 23.3092**, and the grayscale version is **15.1360, 15.9242, 17.3415**.

A 20% lighter version of the original color is **36.6101, 35.5995, 35.5137**, and **5.3188, 4.8315, 4.3936** is the 20% darker color. If you saturate the color by 10%, you get **14.5588, 12.9361, 11.4473**, and if you desaturate by 10%, it is **18.3219, 18.4033, 19.0489**.

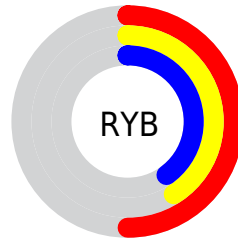
Distribution



Red (50%)

Green (41%)

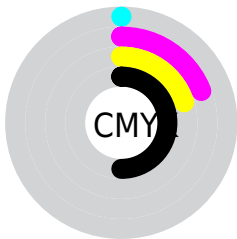
Blue (40%)



Red (50%)

Yellow (41%)

Blue (40%)

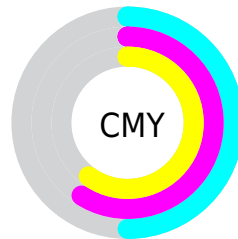


Cyan (0%)

Magenta (19%)

Yellow (20%)

Black (50%)



Cyan (50%)

Magenta (59%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.3006, 15.4691, 14.9587 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 16.3006, 15.4691, 14.9587 by changing the saturation by 10% instead.

■ 16.3006, 15.4691,
14.9587

■ 16.3006, 15.4691,
14.9587

224.3447,
226.1883, 234.7483

■ 9.8293, 9.1493,
8.6441

■ 36.6725, 35.6740,
35.5220

■ 5.3473, 4.8387,
4.4162

■ 51.3039, 50.3279,
50.6078

■ 2.4893, 2.1529,
1.8563

■ 69.3859, 68.5287,
69.4543

■ 0.8899, 0.6941,
0.4647

■ 91.2841, 90.6606,
92.4803

■ 0.0000, 0.0000,
0.0000

117.3637,
117.1081, 120.1041

147.9901,

148.2556, 152.7443

183.5286,
184.4876, 190.8195

■ 16.3006, 15.4691,
14.9587

■ 16.3006, 15.4691,
14.9587

■ 14.5588, 12.9361,
11.4473

■ 18.3219, 18.4033,
19.0489

■ 13.0830, 10.7849,
8.4878

■ 20.6328, 21.7529,
23.7414

■ 11.8604, 8.9976,
6.0522

■ 23.2446, 25.5339,
29.0595

■ 10.8769, 7.5541,
4.1101

■ 26.1676, 29.7608,
35.0250

■ 10.1167, 6.4323,
2.6279

■ 29.4115, 34.4477,
41.6587

■ 9.5623, 5.6076,
1.5675

■ 32.9857, 39.6076,
48.9804

■ 9.1936, 5.0518,
0.8850

■ 36.8992, 45.2535,
57.0092

■ 8.9674, 4.7145,
0.4546

■ 41.1607, 51.3975,
65.7632

■ 8.9579, 4.7006,
0.4352

■ 45.7783, 58.0515,
75.2602

Harmonies

Analogous

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



16.4460, 15.4691, 17.3611



16.3006, 15.4691, 14.9587



15.7197, 15.4691, 13.2308

Triad

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



16.3006, 15.4691, 14.9587



13.3806, 15.4691, 14.1532



14.5246, 15.4691, 22.1220

Complementary

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



16.3006, 15.4691, 14.9587



17.0791, 19.6204, 23.3092

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.



13.7309, 15.4691, 21.0597



16.3006, 15.4691, 14.9587



13.0875, 15.4691, 16.3358

Square

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



16.3006, 15.4691, 14.9587



14.0293, 15.4691, 12.7992



13.2132, 15.4691, 18.8797



15.3978, 15.4691, 21.6602

Rectangle

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



16.3006, 15.4691, 14.9587



15.1756, 15.4691, 12.6122



13.2132, 15.4691, 18.8797



14.2401, 15.4691, 21.9282

Sweetspot

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



16.3010, 15.4698, 14.9590



33.5805, 34.3191, 36.2203



17.5942, 15.8266, 22.2634



7.8138, 7.9650, 8.3822



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.



16.3010, 15.4698, 14.9590



27.4161, 25.3703, 23.7457



17.6343, 18.1364, 15.4035



4.3405, 4.3698, 4.5348



8.8825, 4.6615, 0.4316



0.0000, 0.0000, 0.0000

Inverse Universe

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



17.0791, 19.6204, 23.3092



29.0213, 33.9347, 40.9767



15.5828, 16.6279, 22.8104



4.4321, 4.8583, 5.5174



10.8707, 15.5600, 22.6804



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 16.3006, 15.4691, 14.9587 looks on a white background.

Color Contrast Check

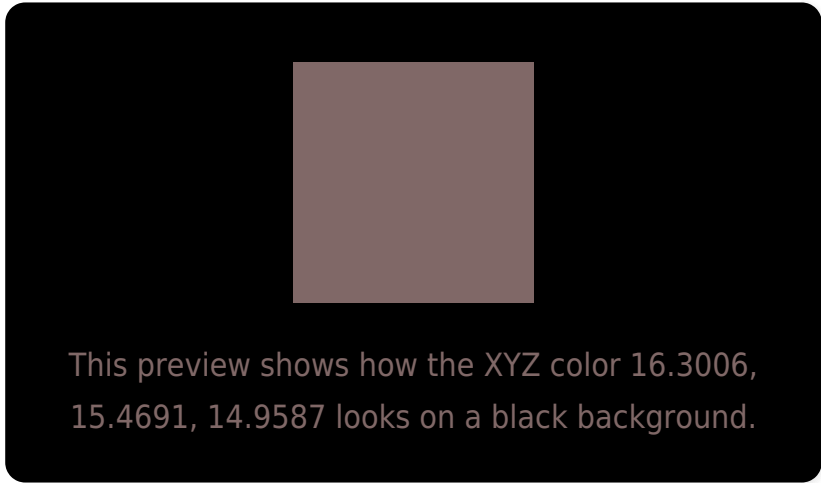
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

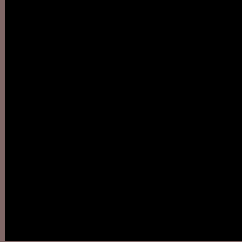
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 16.3006, 15.4691, 14.9587

Background



This preview shows how black text looks on a background with the XYZ color 16.3006, 15.4691, 14.9587.



This preview shows how white text looks on a background with the XYZ color 16.3006, 15.4691,

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

16.3006, 15.4691, 14.9587

Protanopia

14.8802, 15.4886, 15.8410

Deuteranopia

15.7706, 15.4983, 14.9922



Tritanopia

16.7728, 15.5153, 17.1497

Trichromacy



Original Color

16.3006, 15.4691, 14.9587

Protanomaly

15.2787, 15.3869, 15.5293

Deuteranomaly

15.9572, 15.4424, 14.9716

Tritanomaly

16.6103, 15.4503, 16.2941

Monochromacy



Original Color

16.3006, 15.4691, 14.9587

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

15.4055, 15.5897, 16.3845

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.3006, 15.4691, 14.9587 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(128, 104, 103) looks like.

```
.text, #text, p{  
    color:rgb(128, 104, 103)  
}
```

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(128, 104, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 104, 103) }
```

Border

The CSS property to change the border of an element to XYZ 16.3006, 15.4691, 14.9587 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(128, 104, 103) }
```


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

```
.border{ border-color:rgb(128, 104, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 104, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 104, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 104, 103);  
box-shadow:4px 4px 4px 4px rgb(128, 104,  
103) }
```

Background

The CSS property to change the background color of an element to XYZ 16.3006, 15.4691, 14.9587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 104, 103) }
```

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

```
.background{ background-color: rgb(128,  
104, 103) }
```

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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