

Converting Colors

XYZ(16.3247, 17.5741, 4.2504)

Have a look what the booklet for
XYZ(16.3247, 17.5741, 4.2504)
contains.

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Color

**XYZ(16.4108, 17.6927,
4.3004)**

Conversions

Conversions Part 1

Format	Color
Hex	867425
RGB	134, 116, 37
RGB Percent	53%, 45%, 15%
CMY	0.4745, 0.5451, 0.8549
CMYK	0.00, 0.13, 0.72, 0.47
HSL	49°, 57%, 34%
HSV	49°, 72%, 53%
XYZ	16.4108, 17.6927, 4.3004
YIQ	112.3760, 36.0870, -20.7530

Conversions

Conversions Part 2

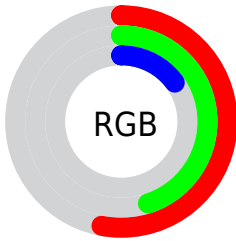
Format	Color
RYB	59, 134, 37
Decimal	8811557
CIELab	49.12, -2.28, 44.17
CIELCh	49, 44.226, 92.949
Yxy	17.6927, 0.4273, 0.4607
Android (android.graphics.Color)	4287001637 (0xFF867425)
YUV	112.3760, -37.1604, 18.9642
Hunter-Lab	42.0627, -3.9678, 23.3822

Details

The XYZ color **16.4108, 17.6927, 4.3004** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **6.4322, 4.8468, 23.1505**, and the grayscale version is **15.6107, 16.4236, 17.8853**.

A 20% lighter version of the original color is **36.9581, 39.6405, 14.7203**, and **5.4605, 5.8836, 0.8478** is the 20% darker color. If you saturate the color by 10%, you get **15.9552, 17.0587, 3.2944**, and if you desaturate by 10%, it is **16.9521, 18.3746, 5.7166**.

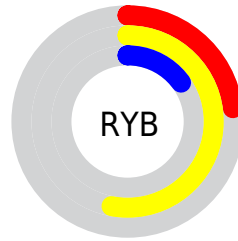
Distribution



Red (53%)

Green (45%)

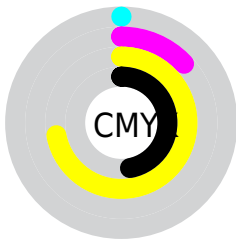
Blue (15%)



Red (23%)

Yellow (53%)

Blue (15%)

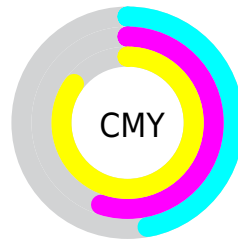


Cyan (0%)

Magenta (13%)

Yellow (72%)

Black (47%)



Cyan (47%)

Magenta (55%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.4108, 17.6927, 4.3004 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 16.4108, 17.6927, 4.3004 by changing the saturation by 10% instead.

■ 16.4108, 17.6927,
4.3004

■ 16.4108, 17.6927,
4.3004

224.9768,
239.1332, 151.5080

■ 9.9080, 10.7296,
1.7915

■ 36.8616, 39.5130,
14.6969

■ 5.3998, 5.8853,
0.4224

■ 51.5404, 55.1390,
23.4215

■ 2.5208, 2.7755,
0.0000

■ 69.6751, 74.4213,
35.0552

■ 0.9058, 1.0157,
0.0000

■ 91.6313, 97.7445,
50.0165

■ 0.0000, 0.0000,
0.0000

■ 117.7742,
125.4929, 68.7239

■ 148.4691,

158.0509, 91.5959

184.0815,
195.8029, 119.0511

■ 16.4108, 17.6927,
4.3004

■ 16.4108, 17.6927,
4.3004

■ 15.9552, 17.0587,
3.2944

■ 16.9521, 18.3746,
5.7166

■ 15.5752, 16.4665,
2.6504

■ 17.5857, 19.1051,
7.5819

■ 15.3149, 16.0352,
2.2879

■ 18.3185, 19.8878,
9.9320

■ 19.1568, 20.7252,
12.7986

■ 20.1061, 21.6196,
16.2107

■ 21.1716, 22.5733,
20.1952

■ 22.3580, 23.5881,
24.7772

■ 23.6699, 24.6660,
29.9802

■ 25.1116, 25.8089,
35.8267

Harmonies

Analogous

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



20.6966, 17.6927, 5.2708



16.4108, 17.6927, 4.3004



12.8531, 17.6927, 5.7799

Triad

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



16.4108, 17.6927, 4.3004



10.9892, 17.6927, 34.4877



24.9354, 17.6927, 31.5829

Complementary

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



16.4108, 17.6927, 4.3004



6.4322, 4.8468, 23.1505

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.



21.5207, 17.6927, 45.3777



16.4108, 17.6927, 4.3004



13.4542, 17.6927, 47.4825

Square

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



16.4108, 17.6927, 4.3004



10.0617, 17.6927, 20.4592



17.2286, 17.6927, 52.1148



26.0692, 17.6927, 18.1169

Rectangle

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



16.4108, 17.6927, 4.3004



11.2368, 17.6927, 8.5458



17.2286, 17.6927, 52.1148



23.9914, 17.6927, 36.4937

Sweetspot

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



16.4112, 17.6935, 4.3008



35.4080, 38.0762, 28.4980



11.2167, 6.6811, 4.4916



7.8889, 8.4968, 6.0983



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



16.4112, 17.6935, 4.3008



27.6607, 29.3669, 4.9973



14.6730, 20.1808, 4.8725



4.9683, 5.2801, 4.9867



14.3596, 15.0419, 2.1465



0.0545, 0.0615, 0.0090

Inverse Universe

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



6.4322, 4.8468, 23.1505



9.0879, 5.5362, 40.3280



7.2183, 4.2063, 22.9854



4.4993, 4.6741, 5.8658



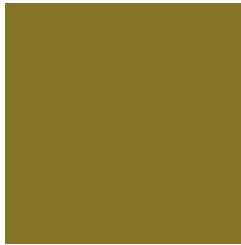
4.3619, 2.2716, 21.3453



0.0191, 0.0159, 0.0753

Previews

White Background



This preview shows how the XYZ color 16.4108, 17.6927, 4.3004 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 16.4108, 17.6927, 4.3004 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

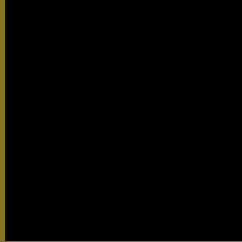
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 16.4108, 17.6927, 4.3004

Background



This preview shows how black text looks on a background with the XYZ color 16.4108, 17.6927, 4.3004.



This preview shows how white text looks on a background with the XYZ color 16.4108, 17.6927,

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

16.4108, 17.6927, 4.3004

Protanopia

16.0553, 17.6814, 4.3169

Deuteranopia

17.9047, 17.6264, 4.3780



Tritanopia

19.3887, 17.5849, 19.2020

Trichromacy



Original Color

16.4108, 17.6927, 4.3004

Protanomaly

16.2109, 17.7617, 4.3242

Deuteranomaly

17.4103, 17.7010, 4.3327

Tritanomaly

17.9271, 17.4767, 11.6610

Monochromacy



Original Color

16.4108, 17.6927, 4.3004

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

15.2905, 16.4592, 10.9654

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.4108, 17.6927, 4.3004 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(134, 116, 37)` looks like.

```
.text, #text, p{  
    color:rgb(134, 116, 37)  
}
```

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(134, 116, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 116, 37) }
```

Border

The CSS property to change the border of an element to XYZ 16.4108, 17.6927, 4.3004 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(134, 116, 37) }
```


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

```
.border{ border-color:rgb(134, 116, 37) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 116, 37)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 116, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 116, 37);  
box-shadow:4px 4px 4px 4px rgb(134, 116,  
37) }
```

Background

The CSS property to change the background color of an element to XYZ 16.4108, 17.6927, 4.3004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 116, 37) }
```

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

```
.background{ background-color: rgb(134,  
116, 37) }
```

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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