

Converting Colors

XYZ(16.7503, 16.4210, 3.1509)

Have a look what the booklet for
XYZ(16.7503, 16.4210, 3.1509)
contains.

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Color

**XYZ(16.7503, 16.4210,
3.1509)**

Conversions

Conversions Part 1

Format	Color
Hex	8F6B18
RGB	143, 107, 24
RGB Percent	56%, 42%, 9%
CMY	0.4392, 0.5804, 0.9059
CMYK	0.00, 0.25, 0.83, 0.44
HSL	42°, 71%, 33%
HSV	42°, 83%, 56%
XYZ	16.7503, 16.4210, 3.1509
YIQ	108.3020, 48.0990, -18.1810

Conversions

Conversions Part 2

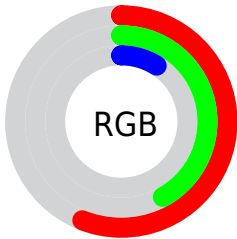
Format	Color
R _Y B	76, 143, 24
Decimal	9399064
CIE Lab	47.52, 6.52, 48.12
CIE LCh	48, 48.558, 82.278
Yxy	16.4210, 0.4612, 0.4521
Android (android.graphics.Color)	4287589144 (0xFF8F6B18)
YUV	108.3020, -41.5609, 30.4301
Hunter-Lab	40.5228, 2.8688, 23.7558

Details

The XYZ color **16.7503, 16.4210, 3.1509** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **6.9505, 5.4090, 26.6642**, and the grayscale version is **14.4430, 15.1952, 16.5475**.

A 20% lighter version of the original color is **37.3508, 37.2549, 12.0598**, and **5.7357, 5.3556, 0.7314** is the 20% darker color. If you saturate the color by 10%, you get **16.1991, 15.4975, 2.4162**, and if you desaturate by 10%, it is **17.4029, 17.4225, 4.3051**.

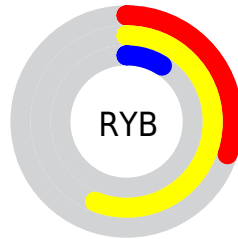
Distribution



Red (56%)

Green (42%)

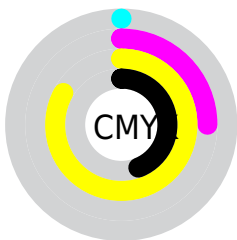
Blue (9%)



Red (30%)

Yellow (56%)

Blue (9%)

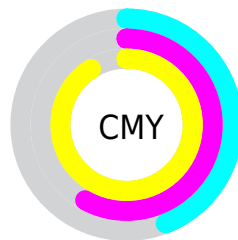


Cyan (0%)

Magenta (25%)

Yellow (83%)

Black (44%)



Cyan (44%)

Magenta (58%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.7503, 16.4210, 3.1509 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 16.7503, 16.4210, 3.1509 by changing the saturation by 10% instead.

■ 16.7503, 16.4210,
3.1509

■ 16.7503, 16.4210,
3.1509

226.9137,
231.8133, 138.2599

■ 10.1508, 9.8226,
1.1722

■ 37.4430, 37.3276,
11.9986

■ 5.5621, 5.2815,
0.0000

■ 52.2669, 52.4044,
19.7046

■ 2.6188, 2.4133,
0.0000

■ 70.5630, 71.0763,
30.1569

■ 0.9555, 0.8327,
0.0000

■ 92.6966, 93.7274,
43.7739

■ 0.0000, 0.0000,
0.0000

■ 119.0332,
120.7423, 60.9741

■ 149.9379,

152.5053, 82.1762

■ 185.7763,
189.4009, 107.7986

■ 16.7503, 16.4210,
3.1509

■ 16.7503, 16.4210,
3.1509

■ 16.1991, 15.4975,
2.4162

■ 17.4029, 17.4225,
4.3051

■ 15.8602, 14.9048,
2.0410

■ 18.1669, 18.5045,
5.9348

■ 19.0521, 19.6721,
8.0880

■ 20.0666, 20.9291,
10.8067

■ 21.2181, 22.2789,
14.1288

■ 22.5132, 23.7247,
18.0885

■ 23.9583, 25.2696,
22.7178

■ 25.5593, 26.9163,
28.0464

■ 27.3218, 28.6675,
34.1020

Harmonies

Analogous

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



21.2596, 16.4210, 4.8944



16.7503, 16.4210, 3.1509



12.6666, 16.4210, 3.6669

Triad

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



16.7503, 16.4210, 3.1509



9.1156, 16.4210, 28.4956



23.1405, 16.4210, 36.7344

Complementary

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



16.7503, 16.4210, 3.1509



6.9505, 5.4090, 26.6642

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.



18.9721, 16.4210, 50.1502



16.7503, 16.4210, 3.1509



11.0583, 16.4210, 44.0592

Square

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



16.7503, 16.4210, 3.1509



8.7404, 16.4210, 14.8706



14.5182, 16.4210, 53.3162



25.3672, 16.4210, 21.2695

Rectangle

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



16.7503, 16.4210, 3.1509



10.6614, 16.4210, 5.4247



14.5182, 16.4210, 53.3162



21.8869, 16.4210, 41.8794

Sweetspot

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



16.7507, 16.4218, 3.1512



39.7576, 41.8727, 30.6482



12.5153, 6.8374, 5.1725



8.9476, 9.4139, 6.5067



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



16.7507, 16.4218, 3.1512



28.2476, 26.3808, 3.6032



17.8983, 23.7890, 4.5128



5.7037, 6.0138, 5.7495



14.0424, 13.2165, 1.8109



0.1537, 0.1652, 0.0238

Inverse Universe

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



6.9505, 5.4090, 26.6642



10.3081, 6.4100, 47.2320



6.4032, 3.2132, 26.2692



5.2543, 5.5045, 6.8143



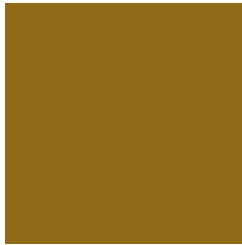
5.1726, 3.3312, 23.3474



0.0670, 0.0670, 0.2291

Previews

White Background



This preview shows how the XYZ color 16.7503, 16.4210, 3.1509 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 16.7503, 16.4210, 3.1509 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 16.7503, 16.4210, 3.1509

Background



This preview shows how black text looks on a background with the XYZ color 16.7503, 16.4210, 3.1509.



This preview shows how white text looks on a background with the XYZ color 16.7503, 16.4210,

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

16.7503, 16.4210, 3.1509

Protanopia

14.8440, 16.3969, 3.3598

Deuteranopia

16.5779, 16.3321, 3.1428



Tritanopia

19.4238, 16.4718, 16.0655

Trichromacy



Original Color

16.7503, 16.4210, 3.1509

Protanomaly

15.5328, 16.4256, 3.2715

Deuteranomaly

16.5779, 16.3321, 3.1428

Tritanomaly

18.0439, 16.3473, 9.2255

Monochromacy



Original Color

16.7503, 16.4210, 3.1509

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

14.5873, 15.3259, 9.2105

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.7503, 16.4210, 3.1509 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(143, 107, 24)` looks like.

```
.text, #text, p{  
    color:rgb(143, 107, 24)  
}
```

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(143, 107, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 107, 24) }
```

Border

The CSS property to change the border of an element to XYZ 16.7503, 16.4210, 3.1509 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(143, 107, 24) }
```


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

```
.border{ border-color:rgb(143, 107, 24) }
```

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

Here you see how a box with a 4 pixel rgb(143, 107, 24) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 107, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 107, 24);  
box-shadow:4px 4px 4px 4px rgb(143, 107,  
24) }
```

Background

The CSS property to change the background color of an element to XYZ 16.7503, 16.4210, 3.1509 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 107, 24) }
```

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

```
.background{ background-color: rgb(143,  
107, 24) }
```

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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