

Converting Colors

XYZ(14.4649, 16.3742, 2.4628)

Have a look what the booklet for
XYZ(14.4649, 16.3742, 2.4628)
contains.

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Color

**XYZ(14.4857, 16.3990,
2.4593)**

Conversions

Conversions Part 1

Format	Color
Hex	7D7202
RGB	125, 114, 2
RGB Percent	49%, 45%, 1%
CMY	0.5098, 0.5529, 0.9921
CMYK	0.00, 0.09, 0.98, 0.51
HSL	55°, 97%, 25%
HSV	55°, 98%, 49%
XYZ	14.4857, 16.3990, 2.4593
YIQ	104.5210, 42.5080, -32.5000

Conversions

Conversions Part 2

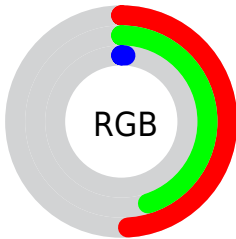
Format	Color
R_{YB}	14, 125, 2
Decimal	8221186
CIE Lab	47.49, -6.60, 52.94
CIE LCh	47, 53.347, 97.109
Yxy	16.3990, 0.4344, 0.4918
Android (android.graphics.Color)	4286411266 (0xFF7D7202)
YUV	104.5210, -50.5429, 17.9601
Hunter-Lab	40.4957, -7.0162, 24.7463

Details

The XYZ color **14.4857, 16.3990, 2.4593** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **3.8707, 1.7815, 19.5416**, and the grayscale version is **13.4224, 14.1214, 15.3782**.

A 20% lighter version of the original color is **33.6177, 37.4664, 10.3104**, and **4.6207, 5.2741, 0.7745** is the 20% darker color. If you saturate the color by 10%, you get **14.4548, 16.3549, 2.3950**, and if you desaturate by 10%, it is **14.6847, 16.6822, 2.8798**.

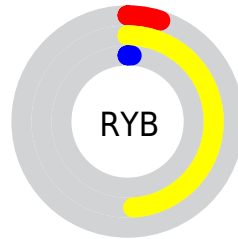
Distribution



Red (49%)

Green (45%)

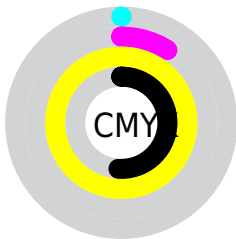
Blue (1%)



Red (5%)

Yellow (49%)

Blue (1%)

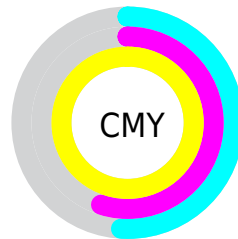


Cyan (0%)

Magenta (9%)

Yellow (98%)

Black (51%)



Cyan (51%)


Magenta (55%)


Yellow (99%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.4857, 16.3990, 2.4593 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 14.4857, 16.3990, 2.4593 by changing the saturation by 10% instead.


 14.4857, 16.3990,
2.4593

 14.4857, 16.3990,
2.4593


213.6825,
231.6848, 129.1444


 8.5432, 9.8069,
0.8185


 33.5275, 37.2895,
10.2622


 4.4992, 5.2711,
0.0000

 47.3575, 52.3568,
17.2686


 1.9882, 2.4072,
0.0000

 64.5474, 71.0178,
26.9031

 0.6273, 0.8296,
0.0000


 85.4625, 93.6572,
39.5840


 0.0000, 0.0000,
0.0000


 110.4682,
120.6591, 55.7301


 139.9299,


152.4081, 75.7598


 174.2129,
189.2885, 100.0917


 14.4857, 16.3990,
2.4593


 14.4857, 16.3990,
2.4593


 14.4548, 16.3549,
2.3950

 14.6847, 16.6822,
2.8798

 14.9282, 16.9850,
3.5290

 15.2349, 17.3155,
4.5031

 15.6117, 17.6766,
5.8388

 16.0647, 18.0707,
7.5678

■ 16.5992, 18.4999,
9.7185

■ 17.2201, 18.9662,
12.3165

■ 17.9319, 19.4713,
15.3854

■ 18.7389, 20.0171,
18.9473

Harmonies

Analogous

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



19.4078, 16.3990, 2.9880



14.4857, 16.3990, 2.4593



10.7089, 16.3990, 4.0803

Triad

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



14.4857, 16.3990, 2.4593



9.3892, 16.3990, 38.6897



25.5819, 16.3990, 30.0560

Complementary

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



14.4857, 16.3990, 2.4593



3.8707, 1.7815, 19.5416

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.



21.7582, 16.3990, 47.8119



14.4857, 16.3990, 2.4593



12.3033, 16.3990, 54.3160

Square

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



14.4857, 16.3990, 2.4593



8.1787, 16.3990, 21.2851



16.7422, 16.3990, 58.3044



26.4938, 16.3990, 14.8160

Rectangle

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



14.4857, 16.3990, 2.4593



9.1174, 16.3990, 7.1005



16.7422, 16.3990, 58.3044



24.5617, 16.3990, 36.1136

Sweetspot

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



14.4861, 16.3998, 2.4596



30.5639, 33.7635, 20.8974



8.5605, 4.4360, 0.8315



6.8640, 7.6141, 4.3832



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.



14.4861, 16.3998, 2.4596



25.8311, 29.1793, 4.2707



10.3094, 16.1999, 2.6412



4.6335, 4.9558, 4.6325



15.0841, 17.0647, 2.4988



0.0000, 0.0000, 0.0000

Inverse Universe

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



3.8707, 1.7815, 19.5416



6.7939, 2.9817, 34.9618



5.0990, 2.2334, 19.5641



4.1374, 4.2688, 5.4192



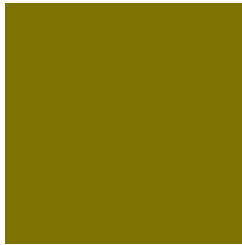
3.9877, 1.7940, 20.3860



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 14.4857, 16.3990, 2.4593 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

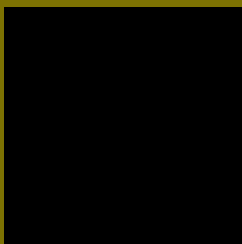
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.4857, 16.3990, 2.4593

Background



This preview shows how black text looks on a background with the XYZ color 14.4857, 16.3990, 2.4593.



This preview shows how white text looks on a background with the XYZ color 14.4857, 16.3990,

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

14.4857, 16.3990, 2.4593

Protanopia

14.6575, 16.3223, 2.3780

Deuteranopia

16.6716, 16.3895, 2.7367



Tritanopia

17.7070, 16.4285, 18.1573

Trichromacy



Original Color

14.4857, 16.3990, 2.4593

Protanomaly

14.5148, 16.2481, 2.3999

Deuteranomaly

15.7841, 16.4080, 2.6223

Tritanomaly

15.7245, 16.0854, 8.5794

Monochromacy



Original Color

14.4857, 16.3990, 2.4593

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

13.0880, 14.5872, 7.5946

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.4857, 16.3990, 2.4593 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, 114, 2)` looks like.

```
.text, #text, p{  
    color:rgb(125, 114, 2)  
}
```

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, 114, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 114, 2) }
```

Border

The CSS property to change the border of an element to XYZ 14.4857, 16.3990, 2.4593 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, 114, 2) }
```


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

```
.border{ border-color:rgb(125, 114, 2) }
```

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

Here you see how a box with a 4 pixel rgb(125, 114, 2) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 114, 2); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 114, 2);  
box-shadow:4px 4px 4px 4px rgb(125, 114,  
2) }
```

Background

The CSS property to change the background color of an element to XYZ 14.4857, 16.3990, 2.4593 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 114, 2) }
```

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

```
.background{ background-color: rgb(125,  
114, 2) }
```

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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