

Converting Colors

XYZ(16.6409, 14.1677, 3.4444)

Have a look what the booklet for
XYZ(16.6409, 14.1677, 3.4444)
contains.

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Color

**XYZ(16.7082, 14.2597,
3.4619)**

Conversions

Conversions Part 1

Format	Color
Hex	965C23
RGB	150, 92, 35
RGB Percent	59%, 36%, 14%
CMY	0.4118, 0.6392, 0.8627
CMYK	0.00, 0.39, 0.77, 0.41
HSL	30°, 62%, 36%
HSV	30°, 77%, 59%
XYZ	16.7082, 14.2597, 3.4619
YIQ	102.8440, 52.8650, -5.4310

Conversions

Conversions Part 2

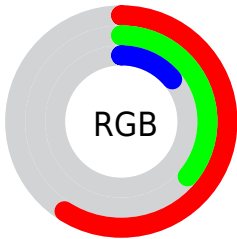
Format	Color
R_{YB}	150, 148, 35
Decimal	9853987
CIE Lab	44.60, 18.87, 41.13
CIE LCh	45, 45.251, 65.352
Yxy	14.2597, 0.4853, 0.4142
Android (android.graphics.Color)	4288044067 (0xFF965C23)
YUV	102.8440, -33.4471, 41.3558
Hunter-Lab	37.7620, 12.8957, 20.9979

Details

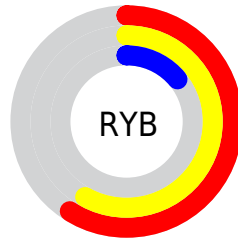
The XYZ color **16.7082, 14.2597, 3.4619** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **10.1122, 10.3875, 30.3259**, and the grayscale version is **12.9271, 13.6003, 14.8107**.

A 20% lighter version of the original color is **37.2468, 33.3804, 12.6636**, and **5.6963, 4.3869, 0.5465** is the 20% darker color. If you saturate the color by 10%, you get **15.9084, 12.9437, 2.3218**, and if you desaturate by 10%, it is **17.6693, 15.7462, 5.1259**.

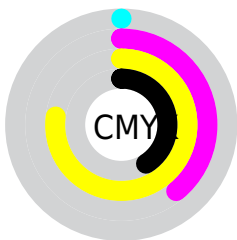
Distribution



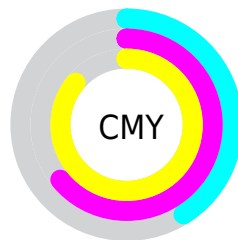
- Red (59%)
- Green (36%)
- Blue (14%)



- Red (59%)
- Yellow (58%)
- Blue (14%)



- Cyan (0%)
- Magenta (39%)
- Yellow (77%)
- Black (41%)



- Cyan (41%)
- Magenta (64%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.7082, 14.2597, 3.4619 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 16.7082, 14.2597, 3.4619 by changing the saturation by 10% instead.

■ 16.7082, 14.2597,
3.4619

■ 16.7082, 14.2597,
3.4619

226.6743,
218.8405, 142.0422

■ 10.1207, 8.3015,
1.3351

■ 37.3710, 33.5491,
12.7484

■ 5.5419, 4.2885,
0.0903

■ 52.1770, 47.6491,
20.7451

■ 2.6066, 1.8362,
0.0000

■ 70.4531, 65.2319,
31.5355

■ 0.9493, 0.5096,
0.0000

■ 92.5649, 86.6818,
45.5382

■ 0.0000, 0.0000,
0.0000

■ 118.8775,
112.3832, 63.1717

■ 149.7564,

142.7205, 84.8545

185.5669,
178.0782, 111.0051

16.7082, 14.2597,
3.4619

16.7082, 14.2597,
3.4619

15.9084, 12.9437,
2.3218

17.6693, 15.7462,
5.1259

15.2501, 11.7853,
1.6147

18.8034, 17.4090,
7.3705

15.0500, 11.4288,
1.4128

20.1220, 19.2560,
10.2460

21.6351, 21.2941,
13.7967

23.3519, 23.5293,
18.0632

■ 25.2809, 25.9679,
23.0824

■ 27.4302, 28.6152,
28.8891

■ 29.8072, 31.4769,
35.5156

■ 32.4192, 34.5580,
42.9926

Harmonies

Analogous

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



20.1481, 14.2597, 6.5351



16.7082, 14.2597, 3.4619



12.9070, 14.2597, 2.8575

Triad

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



16.7082, 14.2597, 3.4619



7.6806, 14.2597, 17.4850



18.0509, 14.2597, 38.4748

Complementary

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



16.7082, 14.2597, 3.4619



10.1122, 10.3875, 30.3259

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.



14.2211, 14.2597, 45.5154



16.7082, 14.2597, 3.4619



8.5820, 14.2597, 30.3669

Square

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



16.7082, 14.2597, 3.4619



8.1067, 14.2597, 8.5417



10.8231, 14.2597, 42.0242



21.0161, 14.2597, 25.5499

Rectangle

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



16.7082, 14.2597, 3.4619



10.7557, 14.2597, 3.5006



10.8231, 14.2597, 42.0242



16.7986, 14.2597, 41.8211

Sweetspot

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



16.7085, 14.2604, 3.4622



42.2633, 42.8672, 34.5751



15.2178, 8.5018, 11.5271



9.1272, 9.1949, 7.0498



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



16.7085, 14.2604, 3.4622



27.2252, 21.3559, 3.1582



23.4839, 27.8111, 5.7206



6.0240, 6.2618, 6.1316



12.5143, 9.5430, 1.1824



0.1826, 0.1756, 0.0243

Inverse Universe

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



10.1122, 10.3875, 30.3259



15.0150, 14.1810, 52.8671



6.8572, 3.8774, 29.2409



5.7267, 6.0873, 7.3429



6.7213, 6.1374, 24.7614



0.1117, 0.1340, 0.3129

Previews

White Background



This preview shows how the XYZ color 16.7082, 14.2597, 3.4619 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 16.7082, 14.2597, 3.4619 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 16.7082, 14.2597, 3.4619

Background



This preview shows how black text looks on a background with the XYZ color 16.7082, 14.2597, 3.4619.



This preview shows how white text looks on a background with the XYZ color 16.7082, 14.2597,

3.4619.

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

16.7082, 14.2597, 3.4619

Protanopia

12.9915, 14.3061, 3.9961

Deuteranopia

14.5873, 14.3982, 3.3768



Tritanopia

18.4404, 14.2182, 12.1284

Trichromacy



Original Color

16.7082, 14.2597, 3.4619

Protanomaly

14.2095, 14.1931, 3.8244

Deuteranomaly

15.2897, 14.3341, 3.3998

Tritanomaly

17.6083, 14.1227, 7.9288

Monochromacy



Original Color

16.7082, 14.2597, 3.4619

Achromatopsia

12.8919, 13.5633, 14.7705

Achromatomaly

13.5827, 13.4668, 9.0912

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.7082, 14.2597, 3.4619 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(150, 92, 35)` looks like.

```
.text, #text, p{  
    color:rgb(150, 92, 35)  
}
```

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(150, 92, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 92, 35) }
```

Border

The CSS property to change the border of an element to XYZ 16.7082, 14.2597, 3.4619 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(150, 92, 35) }
```


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

```
.border{ border-color:rgb(150, 92, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 92, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 92, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 92, 35);  
box-shadow:4px 4px 4px 4px rgb(150, 92,  
35) }
```

Background

The CSS property to change the background color of an element to XYZ 16.7082, 14.2597, 3.4619 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 92, 35) }
```

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

```
.background{ background-color: rgb(150, 92,  
35) }
```

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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