

Converting Colors

XYZ(14.1983, 13.4599, 1.3807)

Have a look what the booklet for
XYZ(14.1983, 13.4599, 1.3807)
contains.

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Color

**XYZ(14.2456, 13.4187,
1.8392)**

Conversions

Conversions Part 1

Format	Color
Hex	885F00
RGB	136, 95, 0
RGB Percent	53%, 37%, 0%
CMY	0.4667, 0.6274, 1.0000
CMYK	0.00, 0.30, 1.00, 0.47
HSL	42°, 100%, 27%
HSV	42°, 100%, 53%
XYZ	14.2456, 13.4187, 1.8392
YIQ	96.4290, 54.9310, -20.8530

Conversions

Conversions Part 2

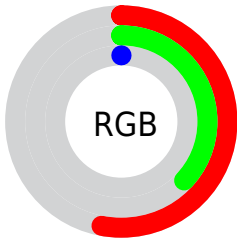
Format	Color
R_{YB}	59, 136, 0
Decimal	8937216
CIE Lab	43.39, 9.61, 51.08
CIE LCh	43, 51.973, 79.341
Yxy	13.4187, 0.4828, 0.4548
Android (android.graphics.Color)	4287127296 (0xFF885F00)
YUV	96.4290, -47.5395, 34.7038
Hunter-Lab	36.6315, 5.3115, 22.6652

Details

The XYZ color **14.2456, 13.4187, 1.8392** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **5.2369, 3.3634, 23.6657**, and the grayscale version is **11.3260, 11.9158, 12.9763**.

A 20% lighter version of the original color is **33.1630, 32.0359, 8.5733**, and **4.4917, 3.9460, 0.5249** is the 20% darker color. If you saturate the color by 10%, you get **14.2458, 13.4192, 1.8393**, and if you desaturate by 10%, it is **14.7016, 14.2082, 2.3691**.

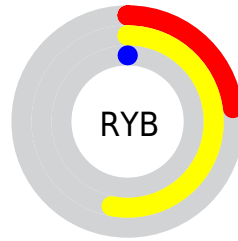
Distribution



Red (53%)

Green (37%)

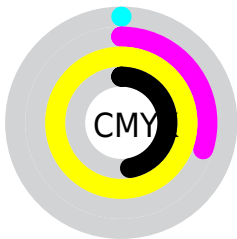
Blue (0%)



Red (23%)

Yellow (53%)

Blue (0%)

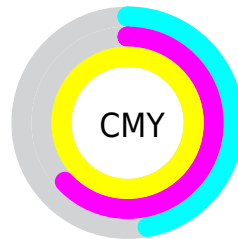


Cyan (0%)

Magenta (30%)

Yellow (100%)

Black (47%)



Cyan (47%)

Magenta (63%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.2456, 13.4187, 1.8392 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 14.2456, 13.4187, 1.8392 by changing the saturation by 10% instead.

■ 14.2456, 13.4187,
1.8392

■ 14.2456, 13.4187,
1.8392

■ 212.2336,
213.5839, 119.8277

■ 8.3745, 7.7175,
0.4536

■ 33.1068, 32.0540,
8.5963

■ 4.3893, 3.9147,
0.0000

■ 46.8277, 45.7568,
14.8898

■ 1.9247, 1.6260,
0.0000

■ 63.8958, 62.8957,
23.6847

■ 0.5911, 0.3750,
0.0000


■ 84.6766, 83.8550,
35.3994


■ 0.0000, 0.0000,
0.0000


■ 109.5355,
109.0190, 50.4525


■ 138.8377,


138.7723, 69.2625


 172.9486,
173.4991, 92.2481


 14.2456, 13.4187,
1.8392


 14.2456, 13.4187,
1.8392


 14.2458, 13.4192,
1.8393

 14.7016, 14.2082,
2.3691

 15.2240, 15.0553,
3.1529

 15.8395, 15.9716,
4.3279

 16.5572, 16.9613,
5.9411

 17.3850, 18.0280,
8.0328

■ 18.3299, 19.1748,
10.6387

■ 19.3984, 20.4048,
13.7911

■ 20.5963, 21.7207,
17.5195

■ 21.9290, 23.1251,
21.8514

Harmonies

Analogous

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



18.5148, 13.4187, 3.3976



14.2456, 13.4187, 1.8392



10.3503, 13.4187, 2.0670

Triad

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



14.2456, 13.4187, 1.8392



6.7385, 13.4187, 23.2873



19.6016, 13.4187, 34.4295

Complementary

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



14.2456, 13.4187, 1.8392



5.2369, 3.3634, 23.6657

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.



15.5038, 13.4187, 47.2632



14.2456, 13.4187, 1.8392



8.3325, 13.4187, 38.8215

Square

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



14.2456, 13.4187, 1.8392



6.5416, 13.4187, 10.8698



11.3705, 13.4187, 49.1956



22.0132, 13.4187, 19.1243

Rectangle

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



14.2456, 13.4187, 1.8392



8.4360, 13.4187, 3.2748



11.3705, 13.4187, 49.1956



18.3399, 13.4187, 39.4560

Sweetspot

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



14.2459, 13.4194, 1.8395



34.0561, 35.8133, 23.9108



10.5906, 5.4092, 2.7780



7.7223, 8.1066, 5.0443



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



14.2459, 13.4194, 1.8395



24.9650, 23.3680, 3.1947



15.3681, 20.9921, 3.2420



5.3059, 5.5947, 5.3526



13.4916, 12.7176, 1.7437



0.1025, 0.1102, 0.0159

Inverse Universe

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



5.2369, 3.3634, 23.6657



9.1064, 5.6824, 41.6652



4.8433, 1.9835, 23.4200



4.8896, 5.1222, 6.3368



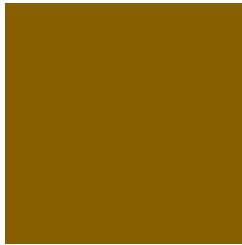
4.9639, 3.1981, 22.4014



0.0446, 0.0446, 0.1527

Previews

White Background



This preview shows how the XYZ color 14.2456, 13.4187, 1.8392 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 14.2456, 13.4187, 1.8392

Background



This preview shows how black text looks on a background with the XYZ color 14.2456, 13.4187, 1.8392.



This preview shows how white text looks on a background with the XYZ color 14.2456, 13.4187,

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

14.2456, 13.4187, 1.8392

Protanopia

12.1020, 13.4332, 2.2135

Deuteranopia

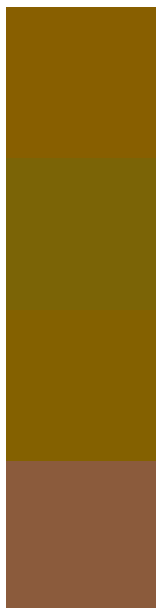
13.5736, 13.4812, 1.8867



Tritanopia

16.3705, 13.3811, 12.5465

Trichromacy



Original Color

14.2456, 13.4187, 1.8392

Protanomaly

12.7584, 13.3384, 2.0744

Deuteranomaly

13.7904, 13.4549, 1.8702

Tritanomaly

15.2042, 13.2974, 6.0403

Monochromacy



Original Color

14.2456, 13.4187, 1.8392

Achromatopsia

11.1181, 11.6971, 12.7381

Achromatomaly

11.5807, 12.0822, 6.1366

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.2456, 13.4187, 1.8392 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(136, 95, 0)` looks like.

```
.text, #text, p{  
    color:rgb(136, 95, 0)  
}
```

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(136, 95, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 95, 0) }
```

Border

The CSS property to change the border of an element to XYZ 14.2456, 13.4187, 1.8392 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(136, 95, 0) }
```


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

```
.border{ border-color:rgb(136, 95, 0) }
```

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

Here you see how a box with a 4 pixel rgb(136, 95, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 95, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 95, 0);  
box-shadow:4px 4px 4px 4px rgb(136, 95, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 14.2456, 13.4187, 1.8392 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 95, 0) }
```

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

```
.background{ background-color: rgb(136, 95,  
0) }
```

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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