

Converting Colors

XYZ(14.7244, 12.6173, 1.7064)

Have a look what the booklet for
XYZ(14.7244, 12.6173, 1.7064)
contains.

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Color

**XYZ(14.7468, 12.6604,
1.7239)**

Conversions

Conversions Part 1

Format	Color
Hex	8F5702
RGB	143, 87, 2
RGB Percent	56%, 34%, 1%
CMY	0.4392, 0.6588, 0.9921
CMYK	0.00, 0.39, 0.99, 0.44
HSL	36°, 97%, 28%
HSV	36°, 99%, 56%
XYZ	14.7468, 12.6604, 1.7239
YIQ	94.0540, 60.6610, -14.5630

Conversions

Conversions Part 2

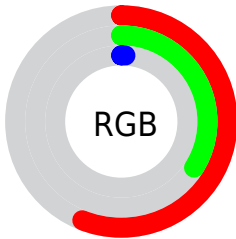
Format	Color
RYB	95, 143, 2
Decimal	9393922
CIELab	42.25, 17.61, 50.21
CIELCh	42, 53.204, 70.674
Yxy	12.6604, 0.5062, 0.4346
Android (android.graphics.Color)	4287584002 (0xFF8F5702)
YUV	94.0540, -45.3826, 42.9256
Hunter-Lab	35.5815, 11.7121, 22.0345

Details

The XYZ color **14.7468, 12.6604, 1.7239** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **6.4960, 5.0221, 26.6133**, and the grayscale version is **10.7465, 11.3062, 12.3124**.

A 20% lighter version of the original color is **34.0922, 30.7636, 8.2788**, and **4.7234, 3.6121, 0.4483** is the 20% darker color. If you saturate the color by 10%, you get **14.6720, 12.5285, 1.6449**, and if you desaturate by 10%, it is **15.3100, 13.6511, 2.3302**.

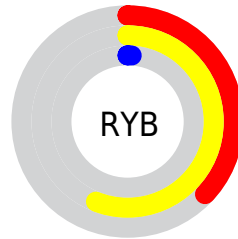
Distribution



Red (56%)

Green (34%)

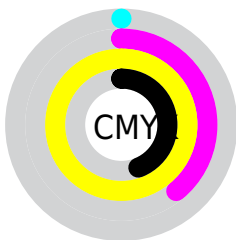
Blue (1%)



Red (37%)

Yellow (56%)

Blue (1%)

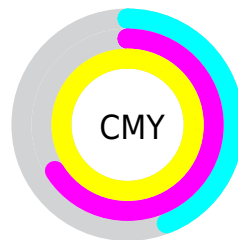


Cyan (0%)

Magenta (39%)

Yellow (99%)

Black (44%)



Cyan (44%)


Magenta (66%)


Yellow (99%)


Brightness & Saturation Gradients


These gradients show how the XYZ color 14.7468, 12.6604, 1.7239 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 14.7468, 12.6604, 1.7239 by changing the saturation by 10% instead.


 14.7468, 12.6604,
1.7239


 14.7468, 12.6604,
1.7239


 215.2474,
208.7296, 117.9305


 8.7270, 7.1951,
0.3770


 33.9837, 30.6923,
8.2712


 4.6192, 3.5844,
0.0000

 47.9315, 44.0277,
14.4199


 2.0581, 1.4439,
0.0000

 65.2528, 60.7553,
23.0433

 0.6663, 0.2488,
0.0000


 86.3128, 81.2595,
34.5601


 0.0000, 0.0000,
0.0000


 111.4769,
105.9246, 49.3886


 141.1104,


135.1350, 67.9475


 175.5788,
169.2753, 90.6553


 14.7468, 12.6604,
1.7239


 14.7468, 12.6604,
1.7239


 14.6720, 12.5285,
1.6449

 15.3100, 13.6511,
2.3302

 15.9714, 14.7398,
3.2724

 16.7539, 15.9373,
4.6661

 17.6681, 17.2491,
6.5637

 18.7233, 18.6802,
9.0101

■ 19.9278, 20.2348,
12.0454

■ 21.2891, 21.9172,
15.7058

■ 22.8141, 23.7312,
20.0245

■ 24.5094, 25.6805,
25.0326

Harmonies

Analogous

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



18.8178, 12.6604, 3.8687



14.7468, 12.6604, 1.7239



10.6713, 12.6604, 1.5187

Triad

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



14.7468, 12.6604, 1.7239



5.9725, 12.6604, 18.2541



17.7395, 12.6604, 37.9724

Complementary

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



14.7468, 12.6604, 1.7239



6.4960, 5.0221, 26.6133

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.



13.5066, 12.6604, 48.4689



14.7468, 12.6604, 1.7239



7.1139, 12.6604, 33.5621

Square

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



14.7468, 12.6604, 1.7239



6.1618, 12.6604, 7.7312



9.6750, 12.6604, 46.5175



20.7920, 12.6604, 22.3814

Rectangle

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



14.7468, 12.6604, 1.7239



8.5374, 12.6604, 2.2234



9.6750, 12.6604, 46.5175



16.3731, 12.6604, 42.5191

Sweetspot

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



14.7471, 12.6611, 1.7241



37.6063, 38.6186, 26.6987



12.1233, 6.1927, 4.6132



8.4100, 8.5927, 5.5437



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.



14.7471, 12.6611, 1.7241



26.1049, 22.0954, 2.8890



18.8713, 24.3083, 3.7549



5.6622, 5.9307, 5.7357



12.9938, 11.1193, 1.4614



0.1458, 0.1495, 0.0212

Inverse Universe

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



6.4960, 5.0221, 26.6133



11.3228, 8.4395, 47.5702



5.1951, 2.1377, 26.1251



5.2944, 5.5845, 6.8276



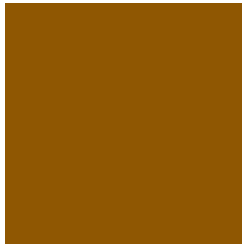
5.6878, 4.3615, 23.5192



0.0749, 0.0827, 0.2317

Previews

White Background



This preview shows how the XYZ color 14.7468, 12.6604, 1.7239 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 14.7468, 12.6604, 1.7239 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 14.7468, 12.6604, 1.7239

Background



This preview shows how black text looks on a background with the XYZ color 14.7468, 12.6604, 1.7239.



This preview shows how white text looks on a background with the XYZ color 14.7468, 12.6604,

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

14.7468, 12.6604, 1.7239

Protanopia

11.5241, 12.8422, 2.1880

Deuteranopia

12.8446, 12.6964, 1.7737



Tritanopia

16.5168, 12.6840, 10.5945

Trichromacy



Original Color

14.7468, 12.6604, 1.7239

Protanomaly

12.5389, 12.6684, 2.0141

Deuteranomaly

13.5055, 12.6430, 1.7572

Tritanomaly

15.4841, 12.4918, 5.3364

Monochromacy



Original Color

14.7468, 12.6604, 1.7239

Achromatopsia

10.6392, 11.1932, 12.1894

Achromatomaly

11.2655, 11.2638, 5.9953

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.7468, 12.6604, 1.7239 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, 87, 2)` looks like.

```
.text, #text, p{  
    color:rgb(143, 87, 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(143, 87, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 87, 2) }
```

Border

The CSS property to change the border of an element to XYZ 14.7468, 12.6604, 1.7239 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, 87, 2) }
```


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

```
.border{ border-color:rgb(143, 87, 2) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 87, 2)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 87, 2); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 87, 2);  
box-shadow:4px 4px 4px 4px rgb(143, 87, 2)  
}
```

Background

The CSS property to change the background color of an element to XYZ 14.7468, 12.6604, 1.7239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 87, 2) }
```

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

```
.background{ background-color: rgb(143, 87,  
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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