

Converting Colors

XYZ(14.6996, 12.6213, 2.3693)

Have a look what the booklet for
XYZ(14.6996, 12.6213, 2.3693)
contains.

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Color

**XYZ(14.6989, 12.6213,
2.3709)**

Conversions

Conversions Part 1

Format	Color
Hex	8E5715
RGB	142, 87, 21
RGB Percent	56%, 34%, 8%
CMY	0.4431, 0.6588, 0.9176
CMYK	0.00, 0.39, 0.85, 0.44
HSL	33°, 74%, 32%
HSV	33°, 85%, 56%
XYZ	14.6989, 12.6213, 2.3709
YIQ	95.9210, 53.9660, -8.8660

Conversions

Conversions Part 2

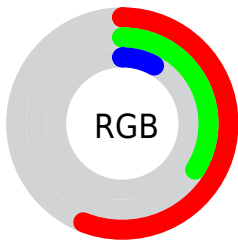
Format	Color
R_{YB}	122, 142, 21
Decimal	9328405
CIE Lab	42.19, 17.58, 44.47
CIE LCh	42, 47.820, 68.437
Yxy	12.6213, 0.4951, 0.4251
Android (android.graphics.Color)	4287518485 (0xFF8E5715)
YUV	95.9210, -36.9361, 40.4113
Hunter-Lab	35.5265, 11.6822, 20.9117

Details

The XYZ color **14.6989, 12.6213, 2.3709** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **7.7761, 7.2811, 26.5866**, and the grayscale version is **11.1770, 11.7591, 12.8056**.

A 20% lighter version of the original color is **33.9024, 30.6256, 10.0857**, and **4.6307, 3.5643, 0.4439** is the 20% darker color. If you saturate the color by 10%, you get **14.1016, 11.5838, 1.6880**, and if you desaturate by 10%, it is **15.4164, 13.7827, 3.4537**.

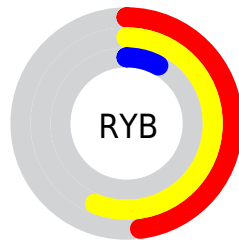
Distribution



Red (56%)

Green (34%)

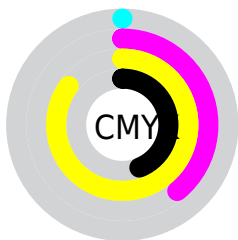
Blue (8%)



Red (48%)

Yellow (56%)

Blue (8%)

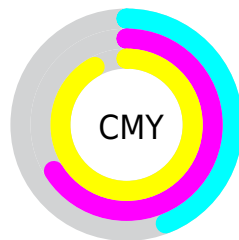


Cyan (0%)

Magenta (39%)

Yellow (85%)

Black (44%)



Cyan (44%)


Magenta (66%)


Yellow (92%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.6989, 12.6213, 2.3709 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 14.6989, 12.6213, 2.3709 by changing the saturation by 10% instead.


 14.6989, 12.6213,
2.3709


 14.6989, 12.6213,
2.3709


214.9611,
208.4762, 127.8936


 8.6933, 7.1683,
0.7705


 33.9001, 30.6217,
10.0320


 4.5972, 3.5676,
0.0000

 47.8264, 43.9380,
16.9426


 2.0452, 1.4347,
0.0000

 65.1236, 60.6440,
26.4645

 0.6592, 0.2421,
0.0000

 86.1571, 81.1244,
39.0164


 0.0000, 0.0000,
0.0000


 111.2923,
105.7634, 55.0166


 140.8944,


134.9454, 74.8839


 175.3289,
169.0549, 99.0367


 14.6989, 12.6213,
2.3709


 14.6989, 12.6213,
2.3709


 14.1016, 11.5838,
1.6880


 15.4164, 13.7827,
3.4537

 13.8413, 11.1228,
1.4174

 16.2670, 15.0735,
5.0026

 17.2613, 16.5002,
7.0664

 18.4085, 18.0683,
9.6879

 19.7167, 19.7827,
12.9050

■ 21.1936, 21.6481,
16.7523

■ 22.8460, 23.6689,
21.2620

■ 24.6807, 25.8492,
26.4637

■ 26.7037, 28.1932,
32.3854

Harmonies

Analogous

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



18.2136, 12.6213, 4.7884



14.6989, 12.6213, 2.3709



11.0173, 12.6213, 2.0285

Triad

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



14.6989, 12.6213, 2.3709



6.4083, 12.6213, 16.8321



16.7874, 12.6213, 35.5981

Complementary

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



14.6989, 12.6213, 2.3709



7.7761, 7.2811, 26.5866

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.



13.0314, 12.6213, 43.7877



14.6989, 12.6213, 2.3709



7.3841, 12.6213, 29.9366

Square

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



14.6989, 12.6213, 2.3709



6.6793, 12.6213, 7.7114



9.6469, 12.6213, 41.3180



19.5762, 12.6213, 22.3041

Rectangle

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



14.6989, 12.6213, 2.3709



9.0163, 12.6213, 2.6931



9.6469, 12.6213, 41.3180



15.5693, 12.6213, 39.2782

Sweetspot

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



14.6992, 12.6220, 2.3711



37.0090, 37.7212, 28.5723



12.7796, 6.8296, 7.7528



8.0867, 8.2003, 5.9095



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



14.6992, 12.6220, 2.3711



24.2431, 19.2842, 2.4445



20.2840, 24.8005, 4.4275



5.6373, 5.8809, 5.7274



12.4461, 10.0238, 1.2788



0.1411, 0.1400, 0.0196

Inverse Universe

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



7.7761, 7.2811, 26.5866



11.7376, 9.6995, 46.3814



5.5525, 2.6965, 25.8189



5.3188, 5.6335, 6.8358



6.0754, 5.1369, 23.6484



0.0797, 0.0922, 0.2333

Previews

White Background



This preview shows how the XYZ color 14.6989, 12.6213, 2.3709 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 14.6989, 12.6213, 2.3709 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 14.6989, 12.6213, 2.3709

Background



This preview shows how black text looks on a background with the XYZ color 14.6989, 12.6213, 2.3709.



This preview shows how white text looks on a background with the XYZ color 14.6989, 12.6213,

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

14.6989, 12.6213, 2.3709

Protanopia

11.4041, 12.6250, 2.7000

Deuteranopia

12.7899, 12.6574, 2.2592



Tritanopia

16.3398, 12.5927, 10.5863

Trichromacy



Original Color

14.6989, 12.6213, 2.3709

Protanomaly

12.4152, 12.4572, 2.5607

Deuteranomaly

13.4520, 12.6035, 2.2960

Tritanomaly

15.4921, 12.4747, 6.2940

Monochromacy



Original Color

14.6989, 12.6213, 2.3709

Achromatopsia

11.1181, 11.6971, 12.7381

Achromatomaly

11.7986, 11.7691, 7.2800

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.6989, 12.6213, 2.3709 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(142, 87, 21)` looks like.

```
.text, #text, p{  
    color:rgb(142, 87, 21)  
}
```

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(142, 87, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 87, 21) }
```

Border

The CSS property to change the border of an element to XYZ 14.6989, 12.6213, 2.3709 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(142, 87, 21) }
```


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

```
.border{ border-color:rgb(142, 87, 21) }
```

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

Here you see how a box with a 4 pixel rgb(142, 87, 21) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 87, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 87, 21);  
box-shadow:4px 4px 4px 4px rgb(142, 87,  
21) }
```

Background

The CSS property to change the background color of an element to XYZ 14.6989, 12.6213, 2.3709 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 87, 21) }
```

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

```
.background{ background-color: rgb(142, 87,  
21) }
```

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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