

Converting Colors

XYZ(14.6290, 12.6893, 5.9011)

Have a look what the booklet for
XYZ(14.6290, 12.6893, 5.9011)
contains.

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Color

**XYZ(14.6219, 12.6241,
5.9410)**

Conversions

Conversions Part 1

Format	Color
Hex	89583C
RGB	137, 88, 60
RGB Percent	54%, 35%, 24%
CMY	0.4627, 0.6549, 0.7647
CMYK	0.00, 0.36, 0.56, 0.46
HSL	22°, 39%, 39%
HSV	22°, 56%, 54%
XYZ	14.6219, 12.6241, 5.9410
YIQ	99.4590, 38.1920, 1.6800

Conversions

Conversions Part 2

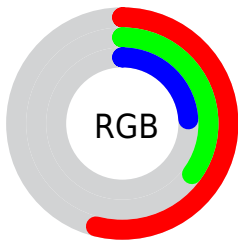
Format	Color
RYB	137, 104, 60
Decimal	9001020
CIELab	42.19, 17.09, 24.47
CIELCh	42, 29.848, 55.077
Yxy	12.6241, 0.4406, 0.3804
Android (android.graphics.Color)	4287191100 (0xFF89583C)
YUV	99.4590, -19.4533, 32.9235
Hunter-Lab	35.5304, 11.2802, 14.9575

Details

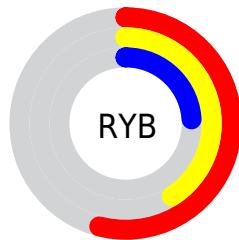
The XYZ color **14.6219, 12.6241, 5.9410** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **11.8472, 13.7034, 25.6875**, and the grayscale version is **12.0169, 12.6427, 13.7679**.

A 20% lighter version of the original color is **33.7876, 30.5971, 18.3124**, and **4.5853, 3.5812, 0.9799** is the 20% darker color. If you saturate the color by 10%, you get **13.6323, 11.1514, 4.0499**, and if you desaturate by 10%, it is **15.7915, 14.3068, 8.3550**.

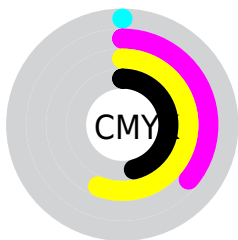
Distribution



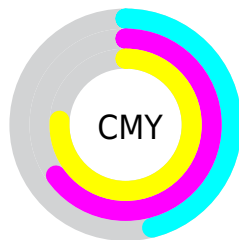
- Red (54%)
- Green (35%)
- Blue (24%)



- Red (54%)
- Yellow (41%)
- Blue (24%)



- Cyan (0%)
- Magenta (36%)
- Yellow (56%)
- Black (46%)





- Cyan (46%)
- Magenta (65%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.6219, 12.6241, 5.9410 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 14.6219, 12.6241, 5.9410 by changing the saturation by 10% instead.


 14.6219, 12.6241,
5.9410


 14.6219, 12.6241,
5.9410


214.5002,
208.4943, 167.8312


 8.6390, 7.1702,
2.7410

 33.7656, 30.6268,
18.2839


 4.5617, 3.5688,
0.9640

 47.6572, 43.9444,
28.2638

 2.0246, 1.4354,
0.0000

 64.9158, 60.6520,
41.3409

 0.6477, 0.2426,
0.0000

 85.9066, 81.1341,
57.9335

 0.0000, 0.0000,
0.0000

 110.9951,
105.7749, 78.4604

 140.5466,

134.9590, 103.3399

174.9266,
169.0707, 132.9907

■ 14.6219, 12.6241,
5.9410

■ 14.6219, 12.6241,
5.9410

■ 13.6323, 11.1514,
4.0499

■ 15.7915, 14.3068,
8.3550

■ 12.8114, 9.8778,
2.6411

■ 17.1497, 16.2059,
11.3271

■ 12.1478, 8.7942,
1.6689

■ 18.7054, 18.3299,
14.8900

■ 11.6242, 7.8882,
1.0593

■ 20.4669, 20.6863,
19.0738

■ 11.4496, 7.5846,
0.8605

■ 22.4419, 23.2821,
23.9064

■ 24.6374, 26.1241,
29.4143

■ 27.0606, 29.2187,
35.6220

■ 29.7178, 32.5722,
42.5533

■ 32.6155, 36.1905,
50.2305

Harmonies

Analogous

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



16.3118, 12.6241, 9.1741



14.6219, 12.6241, 5.9410



12.3702, 12.6241, 4.7879

Triad

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



14.6219, 12.6241, 5.9410



8.2171, 12.6241, 12.7193



13.9074, 12.6241, 28.1197

Complementary

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



14.6219, 12.6241, 5.9410



11.8472, 13.7034, 25.6875

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.



11.6350, 12.6241, 29.9485



14.6219, 12.6241, 5.9410



8.5222, 12.6241, 19.6281

Square

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



14.6219, 12.6241, 5.9410



8.8182, 12.6241, 7.8507



9.7099, 12.6241, 26.4570



15.8648, 12.6241, 22.0325

Rectangle

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



14.6219, 12.6241, 5.9410



10.9188, 12.6241, 4.9769



9.7099, 12.6241, 26.4570



13.1479, 12.6241, 29.3194

Sweetspot

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



14.6222, 12.6247, 5.9412



36.2636, 36.5293, 33.2209



14.7496, 9.6771, 15.8567



8.0108, 8.0297, 7.1564



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.



14.6222, 12.6247, 5.9412



24.0527, 19.4205, 6.6056



18.5229, 20.4260, 7.2415



5.1721, 5.3271, 5.3080



10.6760, 7.0863, 0.8051



0.0840, 0.0732, 0.0097

Inverse Universe

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



11.8472, 13.7034, 25.6875



18.5489, 21.4908, 45.5537



8.6673, 7.3437, 24.6275



5.0224, 5.3878, 6.3811



7.4056, 8.0815, 23.2153



0.0632, 0.0816, 0.1589

Previews

White Background



This preview shows how the XYZ color 14.6219, 12.6241, 5.9410 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 14.6219, 12.6241, 5.9410 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

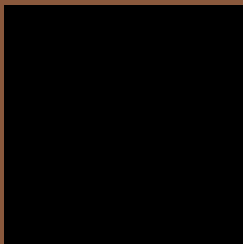
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.6219, 12.6241, 5.9410

Background



This preview shows how black text looks on a background with the XYZ color 14.6219, 12.6241, 5.9410.



This preview shows how white text looks on a background with the XYZ color 14.6219, 12.6241,

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

14.6219, 12.6241, 5.9410

Protanopia

11.8180, 12.7472, 6.8386

Deuteranopia

12.8820, 12.6275, 5.7614



Tritanopia

15.6632, 12.5678, 11.2731

Trichromacy



Original Color

14.6219, 12.6241, 5.9410

Protanomaly

12.6878, 12.6466, 6.4749

Deuteranomaly

13.3690, 12.4821, 5.8423

Tritanomaly

15.1410, 12.4648, 9.0051

Monochromacy



Original Color

14.6219, 12.6241, 5.9410

Achromatopsia

11.8596, 12.4772, 13.5877

Achromatomaly

12.5420, 12.3510, 10.3173

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.6219, 12.6241, 5.9410 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(137, 88, 60)` looks like.

```
.text, #text, p{  
    color:rgb(137, 88, 60)  
}
```

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(137, 88, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 88, 60) }
```

Border

The CSS property to change the border of an element to XYZ 14.6219, 12.6241, 5.9410 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(137, 88, 60) }
```


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

```
.border{ border-color:rgb(137, 88, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 88, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 88, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 88, 60);  
box-shadow:4px 4px 4px 4px rgb(137, 88,  
60) }
```

Background

The CSS property to change the background color of an element to XYZ 14.6219, 12.6241, 5.9410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 88, 60) }
```

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

```
.background{ background-color: rgb(137, 88,  
60) }
```

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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