

Converting Colors

XYZ(14.5990, 13.6179, 2.6719)

Have a look what the booklet for
XYZ(14.5990, 13.6179, 2.6719)
contains.

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Color

**XYZ(14.5634, 13.5646,
2.6613)**

Conversions

Conversions Part 1

Format	Color
Hex	895F17
RGB	137, 95, 23
RGB Percent	54%, 37%, 9%
CMY	0.4627, 0.6274, 0.9098
CMYK	0.00, 0.31, 0.83, 0.46
HSL	38°, 71%, 31%
HSV	38°, 83%, 54%
XYZ	14.5634, 13.5646, 2.6613
YIQ	99.3500, 48.1440, -13.4880

Conversions

Conversions Part 2

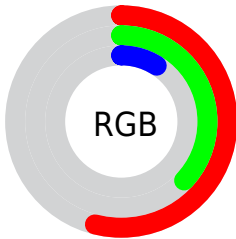
Format	Color
RYB	90, 137, 23
Decimal	9002775
CIELab	43.60, 10.65, 44.72
CIELCh	44, 45.971, 76.606
Yxy	13.5646, 0.4730, 0.4406
Android (android.graphics.Color)	4287192855 (0xFF895F17)
YUV	99.3500, -37.6405, 33.0191
Hunter-Lab	36.8302, 6.1298, 21.4969

Details

The XYZ color **14.5634, 13.5646, 2.6613** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **6.7590, 5.7689, 24.4241**, and the grayscale version is **12.0321, 12.6587, 13.7854**.

A 20% lighter version of the original color is **33.5761, 32.2012, 10.7491**, and **4.6656, 4.0356, 0.5331** is the 20% darker color. If you saturate the color by 10%, you get **14.0200, 12.6437, 1.9687**, and if you desaturate by 10%, it is **15.2078, 14.5741, 3.7375**.

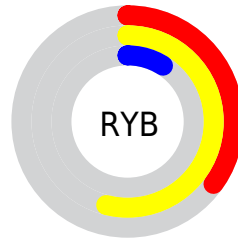
Distribution



 Red (54%)

 Green (37%)

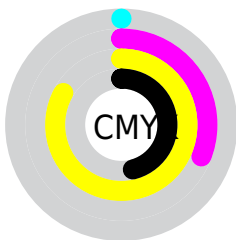
 Blue (9%)



 Red (35%)

 Yellow (54%)

 Blue (9%)

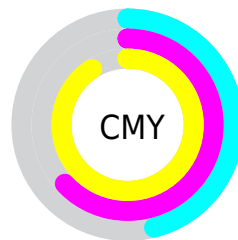


 Cyan (0%)

 Magenta (31%)

 Yellow (83%)

 Black (46%)



 Cyan (46%)

 Magenta (63%)

 Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.5634, 13.5646, 2.6613 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 14.5634, 13.5646, 2.6613 by changing the saturation by 10% instead.

■ 14.5634, 13.5646,
2.6613

■ 14.5634, 13.5646,
2.6613

214.1493,
214.5051, 131.9225

■ 8.5979, 7.8185,
0.9239

■ 33.6634, 32.3145,
10.7806

■ 4.5348, 3.9790,
0.0000

■ 47.5286, 46.0870,
18.0000

■ 2.0089, 1.6618,
0.0000

■ 64.7576, 63.3037,
27.8841

■ 0.6390, 0.3988,
0.0000

■ 85.7160, 84.3491,
40.8513

■ 0.0000, 0.0000,
0.0000

■ 110.7690,
109.6076, 57.3202

■ 140.2820,

139.4635, 77.7094

174.6203,
174.3012, 102.4373

14.5634, 13.5646,
2.6613

14.5634, 13.5646,
2.6613

14.0200, 12.6437,
1.9687

15.2078, 14.5741,
3.7375

13.6867, 12.0587,
1.6062

15.9625, 15.6752,
5.2477

16.8364, 16.8728,
7.2353

17.8372, 18.1708,
9.7380

18.9718, 19.5729,
12.7897

■ 20.2466, 21.0822,
16.4216

■ 21.6674, 22.7019,
20.6622

■ 23.2398, 24.4350,
25.5384

■ 24.9690, 26.2843,
31.0753

Harmonies

Analogous

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



18.2561, 13.5646, 4.5410



14.5634, 13.5646, 2.6613



11.0142, 13.5646, 2.7541

Triad

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



14.5634, 13.5646, 2.6613



7.3326, 13.5646, 21.1893



18.6042, 13.5646, 33.0011

Complementary

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



14.5634, 13.5646, 2.6613



6.7590, 5.7689, 24.4241

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.



14.9735, 13.5646, 43.0709



14.5634, 13.5646, 2.6613



8.6984, 13.5646, 34.3619

Square

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



14.5634, 13.5646, 2.6613



7.2639, 13.5646, 10.6373



11.3550, 13.5646, 43.6604



20.8656, 13.5646, 19.8535

Rectangle

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



14.5634, 13.5646, 2.6613



9.1904, 13.5646, 3.8879



11.3550, 13.5646, 43.6604



17.4759, 13.5646, 37.0796

Sweetspot

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



14.5637, 13.5653, 2.6616



35.7003, 37.1039, 27.7887



11.6271, 6.3329, 5.8730



7.8504, 8.1371, 5.7829



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.



14.5637, 13.5653, 2.6616



24.3513, 21.2767, 2.8234



17.3692, 22.2159, 4.1834



5.2787, 5.5403, 5.3436



12.7608, 11.2560, 1.5001



0.0988, 0.1028, 0.0146

Inverse Universe

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



6.7590, 5.7689, 24.4241



10.0204, 7.1028, 43.2260



5.5600, 2.7996, 23.9141



4.9157, 5.1744, 6.3455



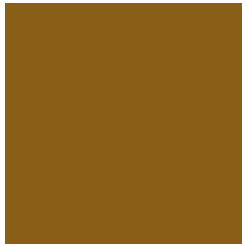
5.2981, 3.8665, 22.5128



0.0483, 0.0520, 0.1539

Previews

White Background



This preview shows how the XYZ color 14.5634, 13.5646, 2.6613 looks on a white background.

Color Contrast Check

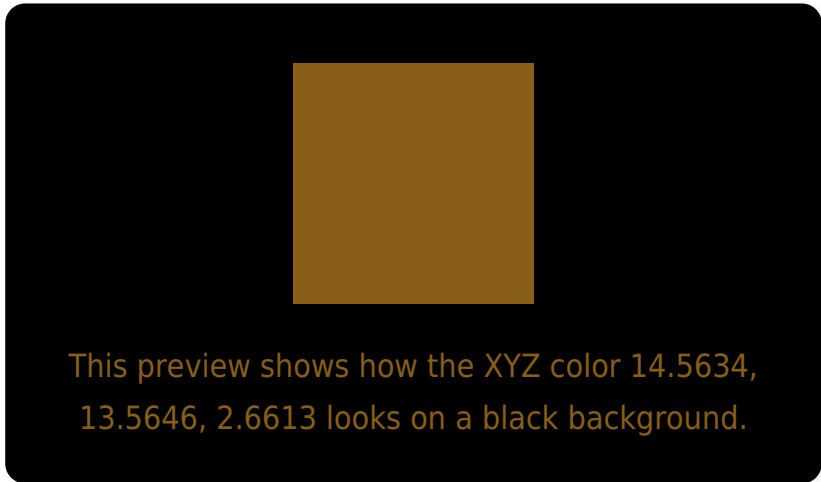
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.5634, 13.5646, 2.6613

Background



This preview shows how black text looks on a background with the XYZ color 14.5634, 13.5646, 2.6613.



This preview shows how white text looks on a background with the XYZ color 14.5634, 13.5646,

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

14.5634, 13.5646, 2.6613

Protanopia

12.3282, 13.6838, 2.9112

Deuteranopia

13.7090, 13.5353, 2.5995



Tritanopia

16.6224, 13.6337, 12.5819

Trichromacy



Original Color

14.5634, 13.5646, 2.6613

Protanomaly

13.1307, 13.6584, 2.8084

Deuteranomaly

14.0924, 13.5939, 2.6402

Tritanomaly

15.6305, 13.4873, 7.4097

Monochromacy



Original Color

14.5634, 13.5646, 2.6613

Achromatopsia

11.8596, 12.4772, 13.5877

Achromatomaly

12.3151, 12.7010, 7.7637

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.5634, 13.5646, 2.6613 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, 95, 23)` looks like.

```
.text, #text, p{  
    color:rgb(137, 95, 23)  
}
```

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, 95, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 95, 23) }
```

Border

The CSS property to change the border of an element to XYZ 14.5634, 13.5646, 2.6613 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, 95, 23) }
```


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

```
.border{ border-color:rgb(137, 95, 23) }
```

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

Here you see how a box with a 4 pixel rgb(137, 95, 23) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 95, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 95, 23);  
box-shadow:4px 4px 4px 4px rgb(137, 95,  
23) }
```

Background

The CSS property to change the background color of an element to XYZ 14.5634, 13.5646, 2.6613 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 95, 23) }
```

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

```
.background{ background-color: rgb(137, 95,  
23) }
```

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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