

Converting Colors

XYZ(14.6602, 13.8034, 6.4493)

Have a look what the booklet for
XYZ(14.6602, 13.8034, 6.4493)
contains.

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Color

**XYZ(14.6599, 13.8027,
6.4490)**

Conversions

Conversions Part 1

Format	Color
Hex	84613E
RGB	132, 97, 62
RGB Percent	52%, 38%, 24%
CMY	0.4824, 0.6196, 0.7569
CMYK	0.00, 0.27, 0.53, 0.48
HSL	30°, 36%, 38%
HSV	30°, 53%, 52%
XYZ	14.6599, 13.8027, 6.4490
YIQ	103.4750, 32.0950, -3.4650

Conversions

Conversions Part 2

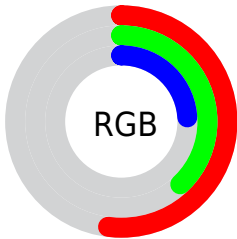
Format	Color
R_YB	132, 132, 62
Decimal	8675646
CIE Lab	43.95, 9.74, 25.40
CIE LCh	44, 27.204, 69.011
Yxy	13.8027, 0.4199, 0.3954
Android (android.graphics.Color)	4286865726 (0xFF84613E)
YUV	103.4750, -20.4472, 25.0164
Hunter-Lab	37.1520, 5.4188, 15.7146

Details

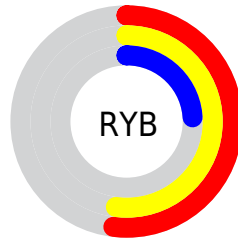
The XYZ color **14.6599, 13.8027, 6.4490** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **10.4260, 11.2391, 23.4495**, and the grayscale version is **13.0650, 13.7454, 14.9688**.

A 20% lighter version of the original color is **33.8979, 32.8704, 19.3099**, and **4.6013, 4.1168, 1.1244** is the 20% darker color. If you saturate the color by 10%, you get **13.7562, 12.5063, 4.5727**, and if you desaturate by 10%, it is **15.7030, 15.2372, 8.8062**.

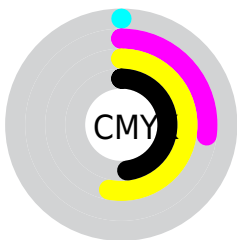
Distribution



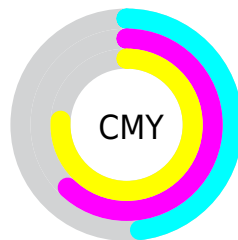
- Red (52%)
- Green (38%)
- Blue (24%)



- Red (52%)
- Yellow (52%)
- Blue (24%)



- Cyan (0%)
- Magenta (27%)
- Yellow (53%)
- Black (48%)



- Cyan (48%)
- Magenta (62%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.6599, 13.8027, 6.4490 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 14.6599, 13.8027, 6.4490 by changing the saturation by 10% instead.

■ 14.6599, 13.8027,
6.4490

■ 14.6599, 13.8027,
6.4490

214.7278,
215.9999, 172.4568

■ 8.6658, 7.9836,
3.0468

■ 33.8320, 32.7385,
19.3495

■ 4.5792, 4.0844,
1.1186

■ 47.7407, 46.6240,
29.6848

■ 2.0347, 1.7209,
0.0000

■ 65.0184, 63.9671,
43.1683

■ 0.6534, 0.4371,
0.0000

■ 86.0303, 85.1522,
60.2185

■ 0.0000, 0.0000,
0.0000

■ 111.1418,
110.5636, 81.2539

■ 140.7184,

140.5857, 106.6931

175.1252,
175.6031, 136.9545

■ 14.6599, 13.8027,
6.4490

■ 14.6599, 13.8027,
6.4490

■ 13.7562, 12.5063,
4.5727

■ 15.7030, 15.2372,
8.8062

■ 12.9832, 11.3408,
3.1420

■ 16.8916, 16.8123,
11.6748

■ 12.3327, 10.3015,
2.1179

■ 18.2324, 18.5334,
15.0833

■ 11.7943, 9.3822,
1.4535

■ 19.7316, 20.4044,
19.0583

■ 11.4642, 8.8026,
1.0948

■ 21.3948, 22.4295,
23.6242

■ 23.2273, 24.6124,
28.8043

■ 25.2343, 26.9569,
34.6205

■ 27.4207, 29.4664,
41.0936

■ 29.7912, 32.1444,
48.2435

Harmonies

Analogous

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



16.6093, 13.8027, 8.7283



14.6599, 13.8027, 6.4490



12.4807, 13.8027, 6.0912

Triad

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



14.6599, 13.8027, 6.4490



9.4374, 13.8027, 16.9651



15.9039, 13.8027, 26.2639

Complementary

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



14.6599, 13.8027, 6.4490



10.4260, 11.2391, 23.4495

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.



13.7788, 13.8027, 30.0598



14.6599, 13.8027, 6.4490



10.1556, 13.8027, 23.8045

Square

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



14.6599, 13.8027, 6.4490



9.6183, 13.8027, 11.1664



11.6901, 13.8027, 29.0538



17.3804, 13.8027, 19.6927

Rectangle

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



14.6599, 13.8027, 6.4490



11.2104, 13.8027, 6.8564



11.6901, 13.8027, 29.0538



15.2329, 13.8027, 27.9786

Sweetspot

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



14.6602, 13.8034, 6.4493



33.8469, 34.8158, 31.1274



13.3961, 9.2140, 12.3818



7.7727, 7.9719, 6.9611



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



14.6602, 13.8034, 6.4493



23.8844, 21.5164, 7.3809



18.6364, 21.7558, 7.7747



4.8506, 5.0448, 4.9475



11.1056, 8.5339, 1.0619



0.0458, 0.0441, 0.0061

Inverse Universe

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



10.4260, 11.2391, 23.4495



15.5575, 16.4736, 40.8129



7.8742, 6.1355, 22.5989



4.6125, 4.9006, 5.9036



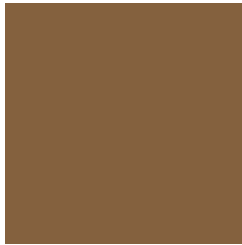
5.9240, 5.3959, 21.8660



0.0278, 0.0333, 0.0782

Previews

White Background



This preview shows how the XYZ color 14.6599, 13.8027, 6.4490 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 14.6599, 13.8027, 6.4490 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 14.6599, 13.8027, 6.4490

Background



This preview shows how black text looks on a background with the XYZ color 14.6599, 13.8027, 6.4490.



This preview shows how white text looks on a background with the XYZ color 14.6599, 13.8027,

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

14.6599, 13.8027, 6.4490

Protanopia

12.8439, 13.8597, 6.9993

Deuteranopia

14.0565, 13.7726, 6.3324



Tritanopia

16.0710, 13.7060, 13.6029

Trichromacy



Original Color

14.6599, 13.8027, 6.4490

Protanomaly

13.4643, 13.7425, 6.7934

Deuteranomaly

14.2632, 13.7394, 6.3151

Tritanomaly

15.5139, 13.7456, 10.6396

Monochromacy



Original Color

14.6599, 13.8027, 6.4490

Achromatopsia

12.8919, 13.5633, 14.7705

Achromatomaly

13.3546, 13.5893, 11.1517

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.6599, 13.8027, 6.4490 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(132, 97, 62)` looks like.

```
.text, #text, p{  
    color:rgb(132, 97, 62)  
}
```

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(132, 97, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 97, 62) }
```

Border

The CSS property to change the border of an element to XYZ 14.6599, 13.8027, 6.4490 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(132, 97, 62) }
```


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

```
.border{ border-color:rgb(132, 97, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 97, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 97, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 97, 62);  
box-shadow:4px 4px 4px 4px rgb(132, 97,  
62) }
```

Background

The CSS property to change the background color of an element to XYZ 14.6599, 13.8027, 6.4490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 97, 62) }
```

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

```
.background{ background-color: rgb(132, 97,  
62) }
```

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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