

Converting Colors

XYZ(14.6657, 13.2907, 2.0106)

Have a look what the booklet for
XYZ(14.6657, 13.2907, 2.0106)
contains.

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Color

**XYZ(14.6862, 13.2473,
2.0127)**

Conversions

Conversions Part 1

Format	Color
Hex	8C5C08
RGB	140, 92, 8
RGB Percent	55%, 36%, 3%
CMY	0.4510, 0.6392, 0.9686
CMYK	0.00, 0.34, 0.94, 0.45
HSL	38°, 89%, 29%
HSV	38°, 94%, 55%
XYZ	14.6862, 13.2473, 2.0127
YIQ	96.7760, 55.5720, -15.9480

Conversions

Conversions Part 2

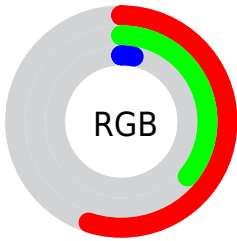
Format	Color
RYB	83, 140, 8
Decimal	9198600
CIELab	43.13, 13.42, 49.07
CIELCh	43, 50.874, 74.707
Yxy	13.2473, 0.4904, 0.4424
Android (android.graphics.Color)	4287388680 (0xFF8C5C08)
YUV	96.7760, -43.7666, 37.9074
Hunter-Lab	36.3968, 8.3306, 22.1991

Details

The XYZ color **14.6862, 13.2473, 2.0127** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **6.2480, 4.7735, 25.4028**, and the grayscale version is **11.4022, 11.9960, 13.0636**.

A 20% lighter version of the original color is **33.8589, 31.7107, 9.0388**, and **4.7233, 3.8853, 0.5010** is the 20% darker color. If you saturate the color by 10%, you get **14.3953, 12.7357, 1.6995**, and if you desaturate by 10%, it is **15.2435, 14.2003, 2.6969**.

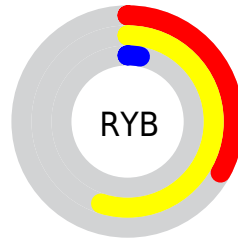
Distribution



Red (55%)

Green (36%)

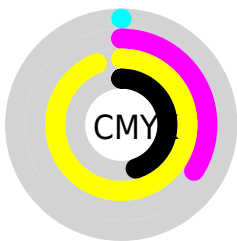
Blue (3%)



Red (33%)

Yellow (55%)

Blue (3%)

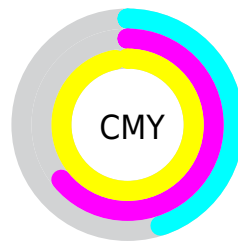


Cyan (0%)

Magenta (34%)

Yellow (94%)

Black (45%)



Cyan (45%)


Magenta (64%)


Yellow (97%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.6862, 13.2473, 2.0127 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 14.6862, 13.2473, 2.0127 by changing the saturation by 10% instead.


 14.6862, 13.2473,
2.0127


 14.6862, 13.2473,
2.0127


214.8852,
212.4966, 122.5737


 8.6843, 7.5991,
0.5631


 33.8779, 31.7474,
9.0755


 4.5913, 3.8395,
0.0000

 47.7985, 45.3680,
15.5788


 2.0418, 1.5842,
0.0000

 65.0893, 62.4148,
24.6215

 0.6573, 0.3469,
0.0000

 86.1158, 83.2723,
36.6220


 0.0000, 0.0000,
0.0000


 111.2433,
108.3248, 51.9989


 140.8371,


137.9568, 71.1708


 175.2626,
172.5526, 94.5562


 14.6862, 13.2473,
2.0127


 14.6862, 13.2473,
2.0127


 14.3953, 12.7357,
1.6995

 15.2435, 14.2003,
2.6969

 15.9033, 15.2421,
3.7733

 16.6775, 16.3788,
5.3007

 17.5754, 17.6151,
7.3250

 18.6052, 18.9550,
9.8868

■ 19.7741, 20.4022,
13.0223

■ 21.0890, 21.9603,
16.7644

■ 22.5561, 23.6326,
21.1437

■ 24.1812, 25.4221,
26.1886

Harmonies

Analogous

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



18.7456, 13.2473, 3.9423



14.6862, 13.2473, 2.0127



10.7724, 13.2473, 1.9974

Triad

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



14.6862, 13.2473, 2.0127



6.6160, 13.2473, 20.6298



18.6747, 13.2473, 35.8556

Complementary

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



14.6862, 13.2473, 2.0127



6.2480, 4.7735, 25.4028

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.



14.6039, 13.2473, 47.0106



14.6862, 13.2473, 2.0127



7.9570, 13.2473, 35.5702

Square

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



14.6862, 13.2473, 2.0127



6.6290, 13.2473, 9.4457



10.7055, 13.2473, 46.8853



21.3537, 13.2473, 20.9014

Rectangle

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



14.6862, 13.2473, 2.0127



8.7677, 13.2473, 2.9593



10.7055, 13.2473, 46.8853



17.3904, 13.2473, 40.4515

Sweetspot

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



14.6865, 13.2480, 2.0129



36.1502, 37.5096, 26.5793



11.6257, 6.0387, 4.3462



8.1267, 8.4011, 5.5502



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.



14.6865, 13.2480, 2.0129



25.2233, 22.1409, 2.9442



17.5047, 22.9404, 3.7352



5.2807, 5.5442, 5.3442



12.8101, 11.3545, 1.5165



0.0991, 0.1034, 0.0147

Inverse Universe

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



6.2480, 4.7735, 25.4028



10.2841, 7.2152, 44.5936



5.2365, 2.2817, 24.9751



4.9139, 5.1707, 6.3449



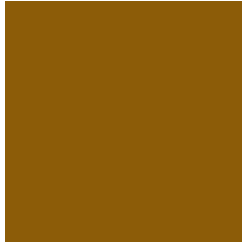
5.2718, 3.8140, 22.5040



0.0481, 0.0514, 0.1538

Previews

White Background



This preview shows how the XYZ color 14.6862, 13.2473, 2.0127 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 14.6862, 13.2473, 2.0127 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 14.6862, 13.2473, 2.0127

Background



This preview shows how black text looks on a background with the XYZ color 14.6862, 13.2473, 2.0127.



This preview shows how white text looks on a background with the XYZ color 14.6862, 13.2473,

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

14.6862, 13.2473, 2.0127

Protanopia

11.9868, 13.3719, 2.2971

Deuteranopia

13.3280, 13.2165, 1.8486



Tritanopia

16.7612, 13.3576, 11.8201

Trichromacy



Original Color

14.6862, 13.2473, 2.0127

Protanomaly

12.8344, 13.2329, 2.1944

Deuteranomaly

13.7815, 13.1775, 1.9033

Tritanomaly

15.6597, 13.1560, 6.1289

Monochromacy



Original Color

14.6862, 13.2473, 2.0127

Achromatopsia

11.3621, 11.9538, 13.0177

Achromatomaly

11.8564, 12.0768, 6.7072

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.6862, 13.2473, 2.0127 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(140, 92, 8)` looks like.

```
.text, #text, p{  
    color:rgb(140, 92, 8)  
}
```

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(140, 92, 8) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 92, 8) }
```

Border

The CSS property to change the border of an element to XYZ 14.6862, 13.2473, 2.0127 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(140, 92, 8) }
```


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

```
.border{ border-color:rgb(140, 92, 8) }
```

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

Here you see how a box with a 4 pixel rgb(140, 92, 8) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 92, 8); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 92, 8);  
box-shadow:4px 4px 4px 4px rgb(140, 92, 8)  
}
```

Background

The CSS property to change the background color of an element to XYZ 14.6862, 13.2473, 2.0127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 92, 8) }
```

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

```
.background{ background-color: rgb(140, 92,  
8) }
```

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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