

Converting Colors

XYZ(13.5614, 12.5150, 1.8331)

Have a look what the booklet for
XYZ(13.5614, 12.5150, 1.8331)
contains.

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Color

**XYZ(13.6000, 12.5615,
1.8514)**

Conversions

Conversions Part 1

Format	Color
Hex	865B05
RGB	134, 91, 5
RGB Percent	53%, 36%, 2%
CMY	0.4745, 0.6431, 0.9804
CMYK	0.00, 0.32, 0.96, 0.47
HSL	40°, 93%, 27%
HSV	40°, 96%, 53%
XYZ	13.6000, 12.5615, 1.8514
YIQ	94.0530, 53.2340, -17.6300

Conversions

Conversions Part 2

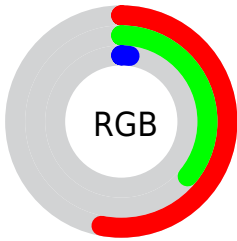
Format	Color
R_{YB}	70, 134, 5
Decimal	8805125
CIE _{Lab}	42.09, 11.11, 48.73
CIE _{LCh}	42, 49.985, 77.158
Yxy	12.5615, 0.4855, 0.4484
Android (android.graphics.Color)	4286995205 (0xFF865B05)
YUV	94.0530, -43.9031, 35.0335
Hunter-Lab	35.4422, 6.4707, 21.7124

Details

The XYZ color **13.6000, 12.5615, 1.8514** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **5.4226, 3.8674, 23.0147**, and the grayscale version is **10.7441, 11.3037, 12.3097**.

A 20% lighter version of the original color is **31.8530, 30.4630, 8.6160**, and **4.1628, 3.5390, 0.4637** is the 20% darker color. If you saturate the color by 10%, you get **13.4318, 12.2691, 1.6602**, and if you desaturate by 10%, it is **14.0787, 13.3827, 2.4309**.

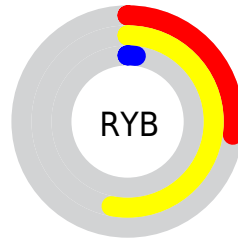
Distribution



Red (53%)

Green (36%)

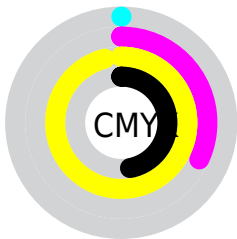
Blue (2%)



Red (27%)

Yellow (53%)

Blue (2%)

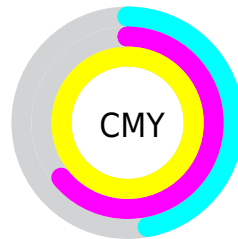


Cyan (0%)

Magenta (32%)

Yellow (96%)

Black (47%)



Cyan (47%)


Magenta (64%)


Yellow (98%)


Brightness & Saturation Gradients


These gradients show how the XYZ color 13.6000, 12.5615, 1.8514 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 13.6000, 12.5615, 1.8514 by changing the saturation by 10% instead.


 13.6000, 12.5615,
1.8514


 13.6000, 12.5615,
1.8514


 208.2888,
208.0879, 120.0249


 7.9228, 7.1273,
0.4615


 31.9698, 30.5137,
8.6304


 4.0970, 3.5418,
0.0000

 45.3932, 43.8005,
14.9390


 1.7572, 1.4207,
0.0000

 62.1293, 60.4736,
23.7516

 0.4916, 0.2319,
0.0000

 82.5435, 80.9175,
35.4869


 0.0000, 0.0000,
0.0000


 107.0012,
105.5165, 50.5633


 135.8678,


134.6549, 69.3994


 169.5085,
168.7173, 92.4138


 13.6000, 12.5615,
1.8514


 13.6000, 12.5615,
1.8514


 13.4318, 12.2691,
1.6602

 14.0787, 13.3827,
2.4309

 14.6406, 14.2737,
3.3361

 15.3000, 15.2413,
4.6388

 16.0653, 16.2894,
6.3815

 16.9439, 17.4215,
8.6013

■ 17.9424, 18.6409,
11.3312

■ 19.0667, 19.9505,
14.6013

■ 20.3226, 21.3530,
18.4393

■ 21.7151, 22.8511,
22.8712

Harmonies

Analogous

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



17.4907, 12.5615, 3.4871



13.6000, 12.5615, 1.8514



9.9519, 12.5615, 1.9586

Triad

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



13.6000, 12.5615, 1.8514



6.3279, 12.5615, 20.6509



17.9864, 12.5615, 32.8598

Complementary

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



13.6000, 12.5615, 1.8514



5.4226, 3.8674, 23.0147

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.



14.1752, 12.5615, 44.0540



13.6000, 12.5615, 1.8514



7.7077, 12.5615, 34.8548

Square

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



13.6000, 12.5615, 1.8514



6.2371, 12.5615, 9.6123



10.4197, 12.5615, 44.9302



20.3549, 12.5615, 18.7519

Rectangle

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



13.6000, 12.5615, 1.8514



8.1206, 12.5615, 2.9882



10.4197, 12.5615, 44.9302



16.7995, 12.5615, 37.3471

Sweetspot

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



13.6003, 12.5621, 1.8516



32.9005, 34.3549, 23.6734



10.4193, 5.3903, 3.2879



7.2500, 7.5508, 4.8624



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.



13.6003, 12.5621, 1.8516



23.5220, 21.3296, 2.8773



15.2984, 20.5386, 3.3018



4.9124, 5.1684, 4.9681



12.5978, 11.5182, 1.5593



0.0504, 0.0534, 0.0076

Inverse Universe

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



5.4226, 3.8674, 23.0147



9.0844, 6.0382, 40.4251



4.7963, 2.0562, 22.6981



4.5519, 4.7795, 5.8834



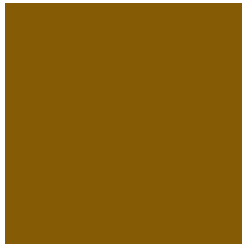
4.9092, 3.3661, 21.5277



0.0232, 0.0240, 0.0766

Previews

White Background



This preview shows how the XYZ color 13.6000, 12.5615, 1.8514 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 13.6000, 12.5615, 1.8514

Background



This preview shows how black text looks on a background with the XYZ color 13.6000, 12.5615, 1.8514.



This preview shows how white text looks on a background with the XYZ color 13.6000, 12.5615,

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

13.6000, 12.5615, 1.8514

Protanopia

11.4220, 12.6470, 2.1263

Deuteranopia

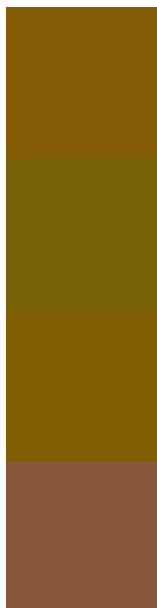
12.6964, 12.6200, 1.7667



Tritanopia

15.6181, 12.6556, 11.5171

Trichromacy



Original Color

13.6000, 12.5615, 1.8514

Protanomaly

12.2037, 12.6319, 2.0247

Deuteranomaly

13.0669, 12.6769, 1.8156

Tritanomaly

14.5403, 12.4610, 5.9138

Monochromacy



Original Color

13.6000, 12.5615, 1.8514

Achromatopsia

10.6392, 11.1932, 12.1894

Achromatomaly

11.0905, 11.4277, 6.1787

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.6000, 12.5615, 1.8514 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(134, 91, 5)` looks like.

```
.text, #text, p{  
    color:rgb(134, 91, 5)  
}
```

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(134, 91, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 91, 5) }
```

Border

The CSS property to change the border of an element to XYZ 13.6000, 12.5615, 1.8514 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(134, 91, 5) }
```


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

```
.border{ border-color:rgb(134, 91, 5) }
```

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

Here you see how a box with a 4 pixel rgb(134, 91, 5) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 91, 5); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 91, 5);  
box-shadow:4px 4px 4px 4px rgb(134, 91, 5)  
}
```

Background

The CSS property to change the background color of an element to XYZ 13.6000, 12.5615, 1.8514 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 91, 5) }
```

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

```
.background{ background-color: rgb(134, 91,  
5) }
```

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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