

Converting Colors

XYZ(14.5137, 12.2630, 1.6020)

Have a look what the booklet for
XYZ(14.5137, 12.2630, 1.6020)
contains.

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Color

**XYZ(14.5762, 12.3366,
1.6130)**

Conversions

Conversions Part 1

Format	Color
Hex	8F5500
RGB	143, 85, 0
RGB Percent	56%, 33%, 0%
CMY	0.4392, 0.6667, 1.0000
CMYK	0.00, 0.41, 1.00, 0.44
HSL	36°, 100%, 28%
HSV	36°, 100%, 56%
XYZ	14.5762, 12.3366, 1.6130
YIQ	92.6520, 61.8530, -14.1390

Conversions

Conversions Part 2

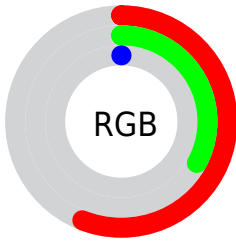
Format	Color
RYB	98, 143, 0
Decimal	9393408
CIELab	41.75, 18.73, 50.44
CIELCh	42, 53.807, 69.633
Yxy	12.3366, 0.5110, 0.4325
Android (android.graphics.Color)	4287583488 (0xFF8F5500)
YUV	92.6520, -45.6774, 44.1552
Hunter-Lab	35.1235, 12.6111, 21.8636

Details

The XYZ color **14.5762, 12.3366, 1.6130** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **6.4711, 5.0094, 26.6123**, and the grayscale version is **10.4167, 10.9592, 11.9345**.

A 20% lighter version of the original color is **33.7596, 30.1799, 7.9169**, and **4.6560, 3.4773, 0.4258** is the 20% darker color. If you saturate the color by 10%, you get **14.5763, 12.3369, 1.6130**, and if you desaturate by 10%, it is **15.1333, 13.3208, 2.2000**.

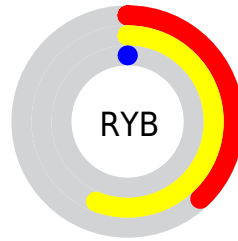
Distribution



Red (56%)

Green (33%)

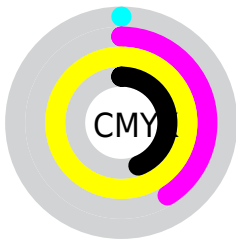
Blue (0%)



Red (38%)

Yellow (56%)

Blue (0%)

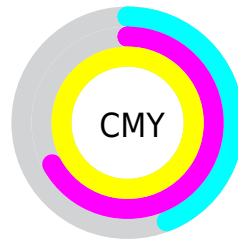


Cyan (0%)

Magenta (41%)

Yellow (100%)

Black (44%)



Cyan (44%)


Magenta (67%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the XYZ color 14.5762, 12.3366, 1.6130 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 14.5762, 12.3366, 1.6130 by changing the saturation by 10% instead.


 14.5762, 12.3366,
1.6130


 14.5762, 12.3366,
1.6130


 214.2262,
206.6211, 116.0444


 8.6069, 6.9734,
0.3001


 33.6858, 30.1067,
7.9529

 4.5407, 3.4454,
0.0000


 47.5567, 43.2823,
13.9578


 2.0123, 1.3685,
0.0000

 64.7923, 59.8309,
22.4107

 0.6409, 0.1933,
0.0000

 85.7577, 80.1367,
33.7302


 0.0000, 0.0000,
0.0000


 110.8185,
104.5843, 48.3347


 140.3399,


133.5579, 66.6429


 174.6874,
167.4421, 89.0733


 14.5762, 12.3366,
1.6130


 14.5762, 12.3366,
1.6130


 14.5763, 12.3369,
1.6130

 15.1333, 13.3208,
2.2000

 15.7827, 14.4027,
3.0851

 16.5531, 15.5956,
4.4142

 17.4553, 16.9051,
6.2408

 18.4989, 18.3363,
8.6109

■ 19.6923, 19.8939,
11.5650

■ 21.0431, 21.5820,
15.1400

■ 22.5585, 23.4046,
19.3694

■ 24.2449, 25.3656,
24.2845

Harmonies

Analogous

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



18.6111, 12.3366, 3.7795



14.5762, 12.3366, 1.6130



10.4986, 12.3366, 1.3697

Triad

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



14.5762, 12.3366, 1.6130



5.7128, 12.3366, 17.4162



17.2756, 12.3366, 38.1540

Complementary

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



14.5762, 12.3366, 1.6130



6.4711, 5.0094, 26.6123

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.



13.0446, 12.3366, 48.3751



14.5762, 12.3366, 1.6130



6.7901, 12.3366, 32.6629

Square

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



14.5762, 12.3366, 1.6130



5.9439, 12.3366, 7.1892



9.2732, 12.3366, 45.9397



20.3967, 12.3366, 22.5269

Rectangle

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



14.5762, 12.3366, 1.6130



8.3533, 12.3366, 2.0026



9.2732, 12.3366, 45.9397



15.9016, 12.3366, 42.6467

Sweetspot

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



14.5765, 12.3372, 1.6132



37.5222, 38.4502, 26.6706



12.1324, 6.1616, 4.7677



8.3887, 8.5503, 5.5366



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



14.5765, 12.3372, 1.6132



25.9326, 21.7508, 2.8315



19.1954, 24.4768, 3.7129



5.6585, 5.9234, 5.7345



12.9091, 10.9500, 1.4332



0.1451, 0.1481, 0.0209

Inverse Universe

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



6.4711, 5.0094, 26.6123



11.4289, 8.6516, 47.6056



5.1085, 2.0609, 26.1150



5.2979, 5.5917, 6.8288



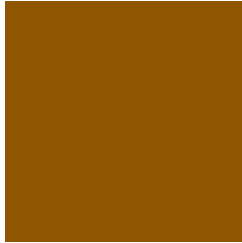
5.7411, 4.4683, 23.5370



0.0756, 0.0841, 0.2319

Previews

White Background



This preview shows how the XYZ color 14.5762, 12.3366, 1.6130 looks on a white background.

Color Contrast Check

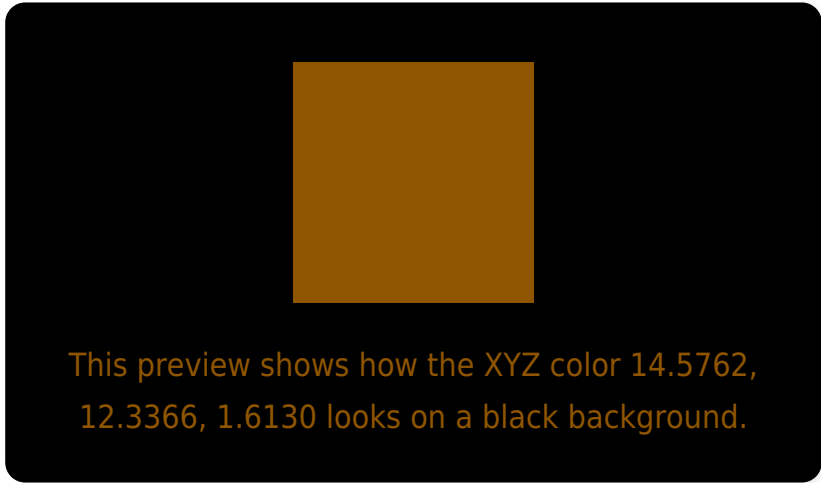
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.5762, 12.3366, 1.6130

Background



This preview shows how black text looks on a background with the XYZ color 14.5762, 12.3366, 1.6130.



This preview shows how white text looks on a background with the XYZ color 14.5762, 12.3366,

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

14.5762, 12.3366, 1.6130

Protanopia

11.2043, 12.3926, 2.1181

Deuteranopia

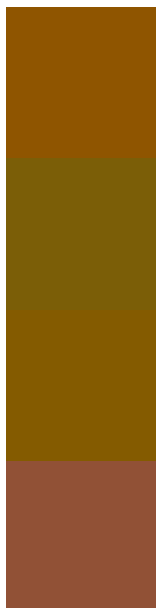
12.4602, 12.3654, 1.7300



Tritanopia

16.2897, 12.3588, 10.1213

Trichromacy



Original Color

14.5762, 12.3366, 1.6130

Protanomaly

12.2094, 12.2317, 1.9185

Deuteranomaly

13.2568, 12.3877, 1.6924

Tritanomaly

15.2853, 12.1709, 5.0336

Monochromacy



Original Color

14.5762, 12.3366, 1.6130

Achromatopsia

10.4043, 10.9462, 11.9204

Achromatomaly

11.0011, 11.0076, 5.6825

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.5762, 12.3366, 1.6130 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(143, 85, 0)` looks like.

```
.text, #text, p{  
    color:rgb(143, 85, 0)  
}
```

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(143, 85, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 85, 0) }
```

Border

The CSS property to change the border of an element to XYZ 14.5762, 12.3366, 1.6130 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(143, 85, 0) }
```


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

```
.border{ border-color:rgb(143, 85, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 85, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 85, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 85, 0);  
box-shadow:4px 4px 4px 4px rgb(143, 85, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 14.5762, 12.3366, 1.6130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 85, 0) }
```

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

```
.background{ background-color: rgb(143, 85,  
0) }
```

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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