

Converting Colors

XYZ(14.3198, 15.4222, 2.5944)

Have a look what the booklet for
XYZ(14.3198, 15.4222, 2.5944)
contains.

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Color

**XYZ(14.4434, 15.5555,
2.6220)**

Conversions

Conversions Part 1

Format	Color
Hex	806D0D
RGB	128, 109, 13
RGB Percent	50%, 43%, 5%
CMY	0.4980, 0.5725, 0.9490
CMYK	0.00, 0.15, 0.90, 0.50
HSL	50°, 82%, 28%
HSV	50°, 90%, 50%
XYZ	14.4434, 15.5555, 2.6220
YIQ	103.7370, 42.1400, -25.8280

Conversions

Conversions Part 2

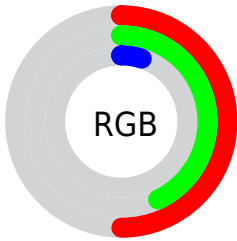
Format	Color
RYB	36, 128, 13
Decimal	8416525
CIELab	46.39, -2.09, 49.81
CIELCh	46, 49.851, 92.400
Yxy	15.5555, 0.4428, 0.4769
Android (android.graphics.Color)	4286606605 (0xFF806D0D)
YUV	103.7370, -44.7333, 21.2787
Hunter-Lab	39.4405, -3.6527, 23.6667

Details

The XYZ color **14.4434, 15.5555, 2.6220** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **4.5789, 2.6772, 20.6975**, and the grayscale version is **13.1961, 13.8833, 15.1189**.

A 20% lighter version of the original color is **33.3814, 35.7493, 10.6098**, and **4.6243, 4.9411, 0.7100** is the 20% darker color. If you saturate the color by 10%, you get **14.1493, 15.0819, 2.1712**, and if you desaturate by 10%, it is **14.7837, 16.0575, 3.2861**.

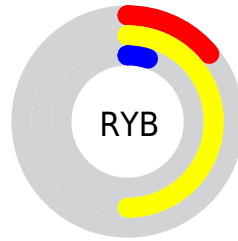
Distribution



Red (50%)

Green (43%)

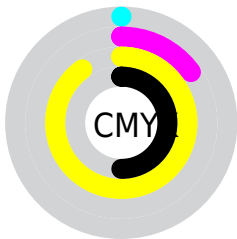
Blue (5%)



Red (14%)

Yellow (50%)

Blue (5%)

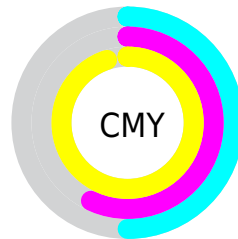


Cyan (0%)

Magenta (15%)

Yellow (90%)

Black (50%)



Cyan (50%)


Magenta (57%)


Yellow (95%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.4434, 15.5555, 2.6220 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 14.4434, 15.5555, 2.6220 by changing the saturation by 10% instead.


 14.4434, 15.5555,
2.6220


 14.4434, 15.5555,
2.6220


213.4279,
226.7043, 131.3903


 8.5135, 9.2102,
0.9038


 33.4535, 35.8248,
10.6805


 4.4798, 4.8785,
0.0000

 47.2643, 50.5175,
17.8592


 1.9770, 2.1762,
0.0000

 64.4328, 68.7615,
27.6954

 0.6210, 0.7070,
0.0000


 85.3243, 90.9412,
40.6079


 0.0000, 0.0000,
0.0000


 110.3043,
117.4409, 57.0150


 139.7379,


148.6451, 77.3355


 173.9907,
184.9381, 101.9877


 14.4434, 15.5555,
2.6220


 14.4434, 15.5555,
2.6220


 14.1493, 15.0819,
2.1712


 14.7837, 16.0575,
3.2861

 14.1447, 15.0744,
2.1641

 15.1928, 16.5952,
4.2877

 15.6789, 17.1725,
5.6672

 16.2485, 17.7920,
7.4589

 16.9074, 18.4562,
9.6933

■ 17.6608, 19.1672,
12.3981

■ 18.5137, 19.9270,
15.5986

■ 19.4705, 20.7374,
19.3184

■ 20.5354, 21.6002,
23.5796

Harmonies

Analogous

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



18.9312, 15.5555, 3.4658



14.4434, 15.5555, 2.6220



10.8023, 15.5555, 3.8196

Triad

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



14.4434, 15.5555, 2.6220



8.8723, 15.5555, 32.9485



23.3348, 15.5555, 30.3581

Complementary

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



14.4434, 15.5555, 2.6220



4.5789, 2.6772, 20.6975

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.



19.6431, 15.5555, 45.6163



14.4434, 15.5555, 2.6220



11.2933, 15.5555, 47.5518

Square

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



14.4434, 15.5555, 2.6220



7.9972, 15.5555, 17.9426



15.1320, 15.5555, 53.0428



24.6162, 15.5555, 15.9703

Rectangle

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



14.4434, 15.5555, 2.6220



9.1803, 15.5555, 6.2489



15.1320, 15.5555, 53.0428



22.3036, 15.5555, 35.7521

Sweetspot

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



14.4438, 15.5563, 2.6223



31.4124, 34.0362, 23.0024



9.3091, 4.9824, 1.8497



7.2605, 7.8831, 5.0389



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



14.4438, 15.5563, 2.6223



24.8150, 26.3630, 3.7807



11.9761, 17.6245, 3.1516



4.6068, 4.9023, 4.6236



14.0263, 14.9490, 2.1462



0.0000, 0.0000, 0.0000

Inverse Universe

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



4.5789, 2.6772, 20.6975



7.2607, 3.5455, 36.2579



5.4225, 2.5590, 20.6302



4.1618, 4.3177, 5.4273



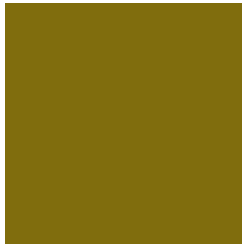
4.1328, 2.0840, 20.4344



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 14.4434, 15.5555, 2.6220 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 14.4434, 15.5555, 2.6220 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 14.4434, 15.5555, 2.6220

Background



This preview shows how black text looks on a background with the XYZ color 14.4434, 15.5555, 2.6220.



This preview shows how white text looks on a background with the XYZ color 14.4434, 15.5555,

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

14.4434, 15.5555, 2.6220

Protanopia

13.9674, 15.4687, 2.6651

Deuteranopia

15.6990, 15.4301, 2.6812



Tritanopia

17.2455, 15.4798, 16.5470

Trichromacy



Original Color

14.4434, 15.5555, 2.6220

Protanomaly

14.1126, 15.5435, 2.6719

Deuteranomaly

15.2392, 15.4964, 2.6781

Tritanomaly

15.7021, 15.3006, 8.6043

Monochromacy



Original Color

14.4434, 15.5555, 2.6220

Achromatopsia

13.1579, 13.8432, 15.0752

Achromatomaly

13.1014, 14.2737, 8.0258

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.4434, 15.5555, 2.6220 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(128, 109, 13)` looks like.

```
.text, #text, p{  
    color:rgb(128, 109, 13)  
}
```

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(128, 109, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 109, 13) }
```

Border

The CSS property to change the border of an element to XYZ 14.4434, 15.5555, 2.6220 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(128, 109, 13) }
```


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

```
.border{ border-color:rgb(128, 109, 13) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 109, 13)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 109, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 109, 13);  
box-shadow:4px 4px 4px 4px rgb(128, 109,  
13) }
```

Background

The CSS property to change the background color of an element to XYZ 14.4434, 15.5555, 2.6220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 109, 13) }
```

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

```
.background{ background-color: rgb(128,  
109, 13) }
```

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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