

Converting Colors

XYZ(13.1464, 15.0275, 3.4360)

Have a look what the booklet for
XYZ(13.1464, 15.0275, 3.4360)
contains.

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Color

**XYZ(13.1464, 15.0275,
3.4360)**

Conversions

Conversions Part 1

Format	Color
Hex	756E1E
RGB	117, 110, 30
RGB Percent	46%, 43%, 12%
CMY	0.5412, 0.5686, 0.8823
CMYK	0.00, 0.06, 0.74, 0.54
HSL	55°, 59%, 29%
HSV	55°, 74%, 46%
XYZ	13.1464, 15.0275, 3.4360
YIQ	102.9730, 29.8520, -23.3960

Conversions

Conversions Part 2

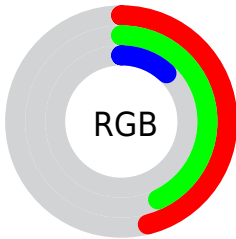
Format	Color
R_{YB}	38, 117, 30
Decimal	7695902
CIE Lab	45.67, -7.25, 43.13
CIE LCh	46, 43.734, 99.540
Yxy	15.0275, 0.4159, 0.4754
Android (android.graphics.Color)	4285885982 (0xFF756E1E)
YUV	102.9730, -35.9757, 12.3017
Hunter-Lab	38.7653, -7.3050, 21.8805

Details

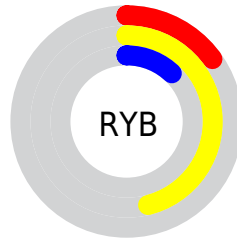
The XYZ color **13.1464, 15.0275, 3.4360** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **4.4079, 2.8835, 17.1538**, and the grayscale version is **12.9720, 13.6475, 14.8622**.

A 20% lighter version of the original color is **31.2061, 34.8396, 12.6694**, and **4.0243, 4.7133, 0.6976** is the 20% darker color. If you saturate the color by 10%, you get **12.9231, 14.7771, 2.7565**, and if you desaturate by 10%, it is **13.4271, 15.3036, 4.4089**.

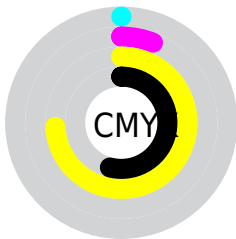
Distribution



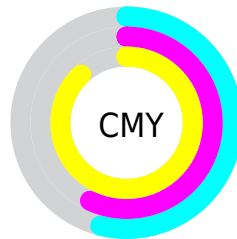
- Red (46%)
- Green (43%)
- Blue (12%)



- Red (15%)
- Yellow (46%)
- Blue (12%)



- Cyan (0%)
- Magenta (6%)
- Yellow (74%)
- Black (54%)



- Cyan (54%)
- Magenta (57%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.1464, 15.0275, 3.4360 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 13.1464, 15.0275, 3.4360 by changing the saturation by 10% instead.

■ 13.1464, 15.0275,
3.4360

■ 13.1464, 15.0275,
3.4360

205.4725,
223.5326, 141.7335

■ 7.6071, 8.8387,
1.3213

■ 31.1656, 34.9014,
12.6866

■ 3.8943, 4.6361,
0.0792

■ 44.3763, 49.3553,
20.6596

■ 1.6425, 2.0354,
0.0000

■ 60.8748, 67.3330,
31.4224

■ 0.4199, 0.6279,
0.0000

■ 81.0265, 89.2189,
45.3937

■ 0.0000, 0.0000,
0.0000

■ 105.1968,
115.3975, 62.9919

■ 133.7510,

146.2530, 84.6356

167.0544,
182.1699, 110.7433

13.1464, 15.0275,
3.4360

13.1464, 15.0275,
3.4360

12.9231, 14.7771,
2.7565

13.4271, 15.3036,
4.4089

12.7476, 14.5471,
2.3256

13.7695, 15.6057,
5.7034

12.6555, 14.4208,
2.1165

14.1789, 15.9362,
7.3453

14.6597, 16.2971,
9.3577

15.2159, 16.6898,
11.7615

■ 15.8511, 17.1159,
14.5763

■ 16.5689, 17.5768,
17.8202

■ 17.3724, 18.0737,
21.5102

■ 18.2647, 18.6079,
25.6625

Harmonies

Analogous

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



16.8919, 15.0275, 3.7994



13.1464, 15.0275, 3.4360



10.2489, 15.0275, 5.2089

Triad

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



13.1464, 15.0275, 3.4360



9.5072, 15.0275, 32.8746



21.9585, 15.0275, 24.4831

Complementary

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



13.1464, 15.0275, 3.4360



4.4079, 2.8835, 17.1538

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.



19.2575, 15.0275, 37.3930



13.1464, 15.0275, 3.4360



11.9579, 15.0275, 43.5041

Square

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



13.1464, 15.0275, 3.4360



8.3980, 15.0275, 19.9417



15.4837, 15.0275, 45.4407



22.4243, 15.0275, 13.2392

Rectangle

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



13.1464, 15.0275, 3.4360



9.0275, 15.0275, 8.1132



15.4837, 15.0275, 45.4407



21.2623, 15.0275, 28.8797

Sweetspot

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



13.1467, 15.0282, 3.4363



27.4403, 30.0187, 21.9079



8.1383, 4.8457, 2.2775



6.2585, 6.8672, 4.8157



57.3938, 60.3827, 65.7568



6.9614, 7.3239, 7.9757

Same Dimension

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



13.1467, 15.0282, 3.4363



22.9170, 26.1728, 4.3674



9.9677, 14.5546, 3.5124



3.9427, 4.2183, 3.9487



13.9385, 15.8783, 2.3302



67.6304, 76.7893, 11.2573

Inverse Universe

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



4.4079, 2.8835, 17.1538



6.3880, 3.2377, 30.4252



5.9390, 3.3800, 17.1689



3.5221, 3.6329, 4.6058



3.6445, 1.6288, 18.6649



17.4915, 7.3996, 90.8667

Previews

White Background



This preview shows how the XYZ color 13.1464, 15.0275, 3.4360 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 13.1464, 15.0275, 3.4360 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 13.1464, 15.0275, 3.4360

Background



This preview shows how black text looks on a background with the XYZ color 13.1464, 15.0275, 3.4360.



This preview shows how white text looks on a background with the XYZ color 13.1464, 15.0275,

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

13.1464, 15.0275, 3.4360

Protanopia

13.4821, 14.8838, 3.3906

Deuteranopia

15.2781, 15.0445, 3.5375



Tritanopia

15.8879, 15.0591, 17.1083

Trichromacy



Original Color

13.1464, 15.0275, 3.4360

Protanomaly

13.4487, 15.0241, 3.4194

Deuteranomaly

14.4680, 15.0795, 3.5146

Tritanomaly

14.5622, 14.9822, 10.1070

Monochromacy



Original Color

13.1464, 15.0275, 3.4360

Achromatopsia

12.8919, 13.5633, 14.7705

Achromatomaly

12.6429, 14.0180, 8.8769

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.1464, 15.0275, 3.4360 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(117, 110, 30)` looks like.

```
.text, #text, p{  
    color:rgb(117, 110, 30)  
}
```

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(117, 110, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 110, 30) }
```

Border

The CSS property to change the border of an element to XYZ 13.1464, 15.0275, 3.4360 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(117, 110, 30) }
```


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

```
.border{ border-color:rgb(117, 110, 30) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 110, 30)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 110, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 110, 30);  
box-shadow:4px 4px 4px 4px rgb(117, 110,  
30) }
```

Background

The CSS property to change the background color of an element to XYZ 13.1464, 15.0275, 3.4360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 110, 30) }
```

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

```
.background{ background-color: rgb(117,  
110, 30) }
```

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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