

Converting Colors

XYZ(13.5775, 15.5366, 9.7392)

Have a look what the booklet for
XYZ(13.5775, 15.5366, 9.7392)
contains.

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Color

**XYZ(13.6231, 15.6260,
9.6952)**

Conversions

Conversions Part 1

Format	Color
Hex	6D714F
RGB	109, 113, 79
RGB Percent	43%, 44%, 31%
CMY	0.5725, 0.5569, 0.6902
CMYK	0.04, 0.00, 0.30, 0.56
HSL	67°, 18%, 38%
HSV	67°, 30%, 44%
XYZ	13.6231, 15.6260, 9.6952
YIQ	107.9280, 8.5300, -11.4220

Conversions

Conversions Part 2

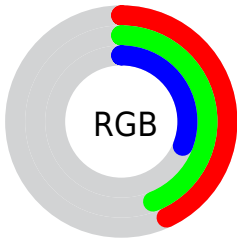
Format	Color
RYB	79, 113, 83
Decimal	7172431
CIELab	46.48, -7.64, 18.41
CIElCh	46, 19.938, 112.540
Yxy	15.6260, 0.3498, 0.4012
Android (android.graphics.Color)	4285362511 (0xFF6D714F)
YUV	107.9280, -14.2615, 0.9401
Hunter-Lab	39.5297, -7.6607, 13.1291

Details

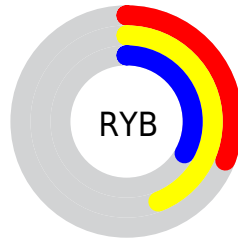
The XYZ color **13.6231, 15.6260, 9.6952** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **9.3445, 8.6236, 16.7957**, and the grayscale version is **14.2711, 15.0143, 16.3505**.

A 20% lighter version of the original color is **32.0494, 36.0458, 25.6904**, and **4.1035, 4.8882, 2.2406** is the 20% darker color. If you saturate the color by 10%, you get **13.0840, 15.3921, 7.7024**, and if you desaturate by 10%, it is **14.2354, 15.8905, 12.0571**.

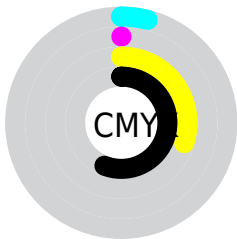
Distribution



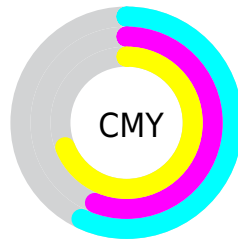
- Red (43%)
- Green (44%)
- Blue (31%)



- Red (31%)
- Yellow (44%)
- Blue (33%)



- Cyan (4%)
- Magenta (0%)
- Yellow (30%)
- Black (56%)



- Cyan (57%)
- Magenta (56%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.6231, 15.6260, 9.6952 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 13.6231, 15.6260, 9.6952 by changing the saturation by 10% instead.

■ 13.6231, 15.6260,
9.6952

■ 13.6231, 15.6260,
9.6952

208.4312,
227.1246, 198.8877

■ 7.9389, 9.2599,
5.0944

■ 32.0106, 35.9477,
25.8194

■ 4.1074, 4.9111,
2.2430

■ 45.4447, 50.6721,
38.1799

■ 1.7631, 2.1952,
0.6990

■ 62.1929, 68.9513,
53.9639

■ 0.4953, 0.7174,
0.0000

■ 82.6204, 91.1699,
73.5902

■ 0.0000, 0.0000,
0.0000

■ 107.0926,
117.7120, 97.4772

135.9749,

148.9623, 126.0434

169.6327,
185.3050, 159.7074

■ 13.6231, 15.6260,
9.6952

■ 13.6231, 15.6260,
9.6952

■ 13.0840, 15.3921,
7.7024

■ 14.2354, 15.8905,
12.0571

■ 12.6134, 15.1854,
6.0592

■ 14.9230, 16.1849,
14.8045

■ 12.2079, 15.0050,
4.7456

■ 15.6895, 16.5111,
17.9539

■ 11.8631, 14.8492,
3.7392

■ 16.5377, 16.8703,
21.5205

■ 11.5743, 14.7160,
3.0150

■ 17.4704, 17.2636,
25.5190

■ 11.3359, 14.6033,
2.5439

■ 18.4902, 17.6920,
29.9630

■ 11.1279, 14.5032,
2.2129

■ 19.5996, 18.1566,
34.8658

■ 20.8011, 18.6583,
40.2400

■ 22.0969, 19.1980,
46.0978

Harmonies

Analogous

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



15.2844, 15.6260, 9.2608



13.6231, 15.6260, 9.6952



12.3845, 15.6260, 11.8908

Triad

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



13.6231, 15.6260, 9.6952



12.9348, 15.6260, 25.6687



18.3688, 15.6260, 18.2703

Complementary

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



13.6231, 15.6260, 9.6952



9.3445, 8.6236, 16.7957

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.



17.6274, 15.6260, 23.4309



13.6231, 15.6260, 9.6952



14.4279, 15.6260, 28.2054

Square

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



13.6231, 15.6260, 9.6952



12.0089, 15.6260, 20.8985



16.1528, 15.6260, 27.3161



18.1118, 15.6260, 13.6435

Rectangle

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



13.6231, 15.6260, 9.6952



11.9224, 15.6260, 14.3341



16.1528, 15.6260, 27.3161



18.2262, 15.6260, 20.0088

Sweetspot

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



13.6235, 15.6267, 9.6955



26.8319, 29.0277, 26.9590



11.3126, 10.2570, 8.7809



6.1705, 6.6982, 6.0935



55.7959, 58.7016, 63.9261



6.5000, 6.8385, 7.4471

Same Dimension

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



13.6235, 15.6267, 9.6955



23.7165, 27.6867, 14.8387



11.7339, 14.6526, 9.6071



3.6051, 3.8973, 3.6356



12.6116, 16.4452, 2.5095



62.3507, 81.6770, 12.4790

Inverse Universe

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



9.3445, 8.6236, 16.7957



14.7570, 13.0198, 29.7108



11.0290, 9.4920, 16.8745



3.2508, 3.3176, 4.2232



3.5639, 1.4467, 17.8130



17.3526, 7.0000, 88.7157

Previews

White Background



This preview shows how the XYZ color 13.6231, 15.6260, 9.6952 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 13.6231, 15.6260, 9.6952 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

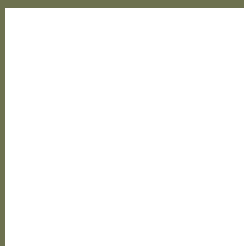
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 13.6231, 15.6260, 9.6952

Background



This preview shows how black text looks on a background with the XYZ color 13.6231, 15.6260, 9.6952.



This preview shows how white text looks on a background with the XYZ color 13.6231, 15.6260,

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

13.6231, 15.6260, 9.6952

Protanopia

14.5588, 15.6239, 9.4561

Deuteranopia

15.7427, 15.4431, 9.9357



Tritanopia

15.5129, 15.5869, 19.0206

Trichromacy



Original Color

13.6231, 15.6260, 9.6952

Protanomaly

14.1298, 15.5638, 9.4671

Deuteranomaly

14.8366, 15.4419, 9.7880

Tritanomaly

14.7062, 15.5759, 15.0633

Monochromacy



Original Color

13.6231, 15.6260, 9.6952

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

13.9179, 15.2031, 13.5102

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.6231, 15.6260, 9.6952 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(109, 113, 79)` looks like.

```
.text, #text, p{  
    color:rgb(109, 113, 79)  
}
```

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(109, 113, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 113, 79) }
```

Border

The CSS property to change the border of an element to XYZ 13.6231, 15.6260, 9.6952 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(109, 113, 79) }
```


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

```
.border{ border-color:rgb(109, 113, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 113, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 113, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 113, 79);  
box-shadow:4px 4px 4px 4px rgb(109, 113,  
79) }
```

Background

The CSS property to change the background color of an element to XYZ 13.6231, 15.6260, 9.6952 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 113, 79) }
```

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

```
.background{ background-color: rgb(109,  
113, 79) }
```

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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