

Converting Colors

XYZ(13.6232, 14.8924, 6.2942)

Have a look what the booklet for
XYZ(13.6232, 14.8924, 6.2942)
contains.

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Color

**XYZ(13.6232, 14.8924,
6.2942)**

Conversions

Conversions Part 1

Format	Color
Hex	766C3B
RGB	118, 108, 59
RGB Percent	46%, 42%, 23%
CMY	0.5373, 0.5765, 0.7686
CMYK	0.00, 0.08, 0.50, 0.54
HSL	50°, 33%, 35%
HSV	50°, 50%, 46%
XYZ	13.6232, 14.8924, 6.2942
YIQ	105.4040, 21.6890, -13.1190

Conversions

Conversions Part 2

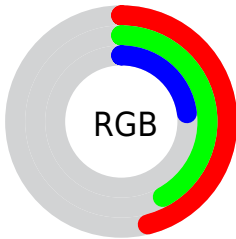
Format	Color
R_{YB}	71, 118, 59
Decimal	7760955
CIE Lab	45.49, -3.36, 28.68
CIE LCh	45, 28.876, 96.682
Yxy	14.8924, 0.3914, 0.4278
Android (android.graphics.Color)	4285951035 (0xFF766C3B)
YUV	105.4040, -22.8772, 11.0467
Hunter-Lab	38.5907, -4.5200, 17.3432

Details

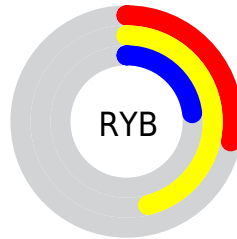
The XYZ color **13.6232, 14.8924, 6.2942** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **7.2018, 6.4940, 18.0135**, and the grayscale version is **13.5934, 14.3013, 15.5741**.

A 20% lighter version of the original color is **31.8466, 34.5157, 18.8936**, and **4.1319, 4.5981, 1.0852** is the 20% darker color. If you saturate the color by 10%, you get **13.1428, 14.3672, 4.7911**, and if you desaturate by 10%, it is **14.1784, 15.4563, 8.1640**.

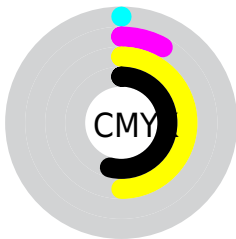
Distribution



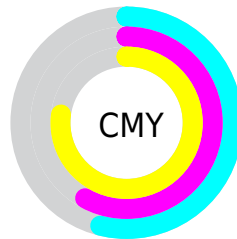
- Red (46%)
- Green (42%)
- Blue (23%)



- Red (28%)
- Yellow (46%)
- Blue (23%)



- Cyan (0%)
- Magenta (8%)
- Yellow (50%)
- Black (54%)



- Cyan (54%)
- Magenta (58%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.6232, 14.8924, 6.2942 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 13.6232, 14.8924, 6.2942 by changing the saturation by 10% instead.

■ 13.6232, 14.8924,
6.2942

■ 13.6232, 14.8924,
6.2942

208.4318,
222.7140, 171.0650

■ 7.9390, 8.7439,
2.9531

■ 32.0108, 34.6643,
19.0267

■ 4.1074, 4.5745,
1.0707

■ 45.4450, 49.0565,
29.2551

■ 1.7631, 1.9999,
0.0000

■ 62.1931, 66.9654,
42.6164

■ 0.4953, 0.6074,
0.0000

■ 82.6207, 88.7754,
59.5292

■ 0.0000, 0.0000,
0.0000

■ 107.0930,
114.8708, 80.4119

■ 135.9754,

145.6362, 105.6830

169.6332,
181.4558, 135.7613

■ 13.6232, 14.8924,
6.2942

■ 13.6232, 14.8924,
6.2942

■ 13.1428, 14.3672,
4.7911

■ 14.1784, 15.4563,
8.1640

■ 12.7313, 13.8767,
3.6290

■ 14.8116, 16.0587,
10.4222

■ 12.3838, 13.4195,
2.7801

■ 15.5272, 16.7019,
13.0898

■ 12.0940, 12.9929,
2.2120

■ 16.3287, 17.3874,
16.1862

■ 11.8394, 12.5880,
1.8058

■ 17.2198, 18.1166,
19.7293

■ 11.8394, 12.5879,
1.8057

■ 18.2036, 18.8908,
23.7362

■ 19.2833, 19.7115,
28.2230

■ 20.4617, 20.5798,
33.2051

■ 21.7418, 21.4968,
38.6970

Harmonies

Analogous

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



16.0663, 14.8924, 6.8371



13.6232, 14.8924, 6.2942



11.5669, 14.8924, 7.7412

Triad

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



13.6232, 14.8924, 6.2942



10.7592, 14.8924, 25.4886



18.8428, 14.8924, 22.0460

Complementary

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



13.6232, 14.8924, 6.2942



7.2018, 6.4940, 18.0135

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.



17.1024, 14.8924, 29.3318



13.6232, 14.8924, 6.2942



12.4013, 14.8924, 31.6809

Square

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



13.6232, 14.8924, 6.2942



10.0389, 14.8924, 17.8065



14.7000, 14.8924, 33.2570



19.2652, 14.8924, 14.7218

Rectangle

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



13.6232, 14.8924, 6.2942



10.6299, 14.8924, 9.9717



14.7000, 14.8924, 33.2570



18.3837, 14.8924, 24.6367

Sweetspot

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



13.6236, 14.8931, 6.2945



27.9345, 29.9154, 25.4386



10.1350, 7.4196, 6.6622



6.3700, 6.8328, 5.6463



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.



13.6236, 14.8931, 6.2945



22.9936, 25.1294, 8.0817



12.4482, 15.9432, 6.5591



3.9164, 4.1658, 3.9399



12.8008, 13.6028, 1.9509



61.8361, 65.2007, 9.3259

Inverse Universe

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



7.2018, 6.4940, 18.0135



10.3234, 8.5719, 31.2474



7.9502, 6.0425, 17.8869



3.5462, 3.6810, 4.6138



3.8011, 1.9419, 18.7171



18.0799, 8.5764, 91.0628

Previews

White Background



This preview shows how the XYZ color 13.6232, 14.8924, 6.2942 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 13.6232, 14.8924, 6.2942 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

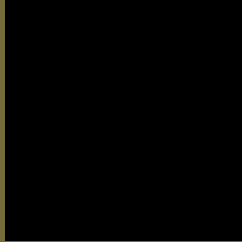
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 13.6232, 14.8924, 6.2942

Background



This preview shows how black text looks on a background with the XYZ color 13.6232, 14.8924, 6.2942.



This preview shows how white text looks on a background with the XYZ color 13.6232, 14.8924,

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

13.6232, 14.8924, 6.2942

Protanopia

13.7597, 14.9628, 6.3006

Deuteranopia

15.1816, 14.9323, 6.3570



Tritanopia

15.7342, 14.8395, 16.7869

Trichromacy



Original Color

13.6232, 14.8924, 6.2942

Protanomaly

13.7597, 14.9628, 6.3006

Deuteranomaly

14.6196, 14.9414, 6.3884

Tritanomaly

14.7238, 14.7209, 11.9629

Monochromacy



Original Color

13.6232, 14.8924, 6.2942

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

13.3459, 14.3276, 11.2946

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.6232, 14.8924, 6.2942 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(118, 108, 59)` looks like.

```
.text, #text, p{  
    color:rgb(118, 108, 59)  
}
```

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(118, 108, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 108, 59) }
```

Border

The CSS property to change the border of an element to XYZ 13.6232, 14.8924, 6.2942 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(118, 108, 59) }
```


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

```
.border{ border-color:rgb(118, 108, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 108, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 108, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 108, 59);  
box-shadow:4px 4px 4px 4px rgb(118, 108,  
59) }
```

Background

The CSS property to change the background color of an element to XYZ 13.6232, 14.8924, 6.2942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 108, 59) }
```

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

```
.background{ background-color: rgb(118,  
108, 59) }
```

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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