

Converting Colors

XYZ(13.6301, 13.7592, 14.5646)

Have a look what the booklet for
XYZ(13.6301, 13.7592, 14.5646)
contains.

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Color

**XYZ(13.7052, 13.8416,
14.5197)**

Conversions

Conversions Part 1

Format	Color
Hex	6F6666
RGB	111, 102, 102
RGB Percent	44%, 40%, 40%
CMY	0.5647, 0.6000, 0.6000
CMYK	0.00, 0.08, 0.08, 0.56
HSL	0°, 4%, 42%
HSV	0°, 8%, 44%
XYZ	13.7052, 13.8416, 14.5197
YIQ	104.6910, 5.3640, 1.9080

Conversions

Conversions Part 2

Format	Color
R _Y B	111, 102, 102
Decimal	7300710
CIE Lab	44.00, 3.55, 1.28
CIE LCh	44, 3.773, 19.793
Yxy	13.8416, 0.3258, 0.3290
Android (android.graphics.Color)	4285490790 (0xFF6F6666)
YUV	104.6910, -1.3267, 5.5330
Hunter-Lab	37.2043, 0.6477, 2.9039

Details

The XYZ color **13.7052, 13.8416, 14.5197** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.0331, 15.3410, 17.2606**, and the grayscale version is **13.3465, 14.0416, 15.2913**.

A 20% lighter version of the original color is **32.2453, 32.8689, 34.7818**, and **4.1057, 4.0650, 4.1827** is the 20% darker color. If you saturate the color by 10%, you get **12.1727, 11.5993, 11.4724**, and if you desaturate by 10%, it is **15.4582, 16.4067, 18.0046**.

Distribution



Red (44%)

Green (40%)

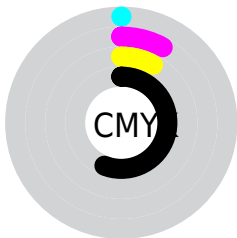
Blue (40%)



Red (44%)

Yellow (40%)

Blue (40%)

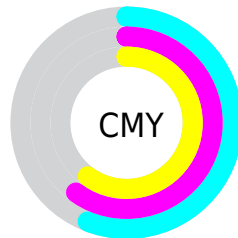


Cyan (0%)

Magenta (8%)

Yellow (8%)

Black (56%)



Cyan (56%)

Magenta (60%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.7052, 13.8416, 14.5197 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 13.7052, 13.8416, 14.5197 by changing the saturation by 10% instead.

■ 13.7052, 13.8416,
14.5197

■ 13.7052, 13.8416,
14.5197

208.9366,
216.2432, 231.9801

■ 7.9962, 8.0106,
8.3401

■ 32.1557, 32.8077,
34.7387

■ 4.1443, 4.1017,
4.2225

■ 45.6279, 46.7116,
49.6151

■ 1.7841, 1.7306,
1.7482

■ 62.4186, 64.0752,
68.2277

■ 0.5081, 0.4434,
0.3934

■ 82.8931, 85.2829,
90.9948

■ 0.0000, 0.0000,
0.0000

107.4168,
110.7192, 118.3351

136.3551,

140.7684, 150.6670

170.0732,
175.8149, 188.4092

■ 13.7052, 13.8416,
14.5197

■ 13.7052, 13.8416,
14.5197

■ 12.1727, 11.5993,
11.4724

■ 15.4582, 16.4067,
18.0046

■ 10.8509, 9.6652,
8.8445

■ 17.4388, 19.3047,
21.9425

■ 9.7309, 8.0264,
6.6180

■ 19.6551, 22.5475,
26.3490

■ 8.8029, 6.6684,
4.7731

■ 22.1145, 26.1460,
31.2390

■ 8.0560, 5.5754,
3.2884

■ 24.8241, 30.1106,
36.6265

■ 7.4784, 4.7302,
2.1403

■ 27.7906, 34.4512,
42.5250

■ 7.0570, 4.1134,
1.3026

■ 31.0207, 39.1772,
48.9475

■ 6.7764, 3.7028,
0.7451

■ 34.5205, 44.2981,
55.9065

■ 6.5902, 3.4304,
0.3751

■ 38.2963, 49.8225,
63.4140

Harmonies

Analogous

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



13.7308, 13.8416, 15.3652



13.7052, 13.8416, 14.5197



13.5312, 13.8416, 13.8467

Triad

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



13.7052, 13.8416, 14.5197



12.7212, 13.8416, 14.0316



13.0543, 13.8416, 16.7528

Complementary

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



13.7052, 13.8416, 14.5197



14.0331, 15.3410, 17.2606

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.



12.7879, 13.8416, 16.3658



13.7052, 13.8416, 14.5197



12.5975, 13.8416, 14.7808

Square

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



13.7052, 13.8416, 14.5197



12.9620, 13.8416, 13.5724



12.6217, 13.8416, 15.6364



13.3519, 13.8416, 16.6764

Rectangle

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



13.7052, 13.8416, 14.5197



13.3559, 13.8416, 13.5762



12.6217, 13.8416, 15.6364



12.9582, 13.8416, 16.6720

Sweetspot

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



13.7056, 13.8422, 14.5200



26.3938, 27.4962, 29.6821



14.1763, 14.0301, 17.0000



6.3533, 6.6238, 7.1554



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.



13.7056, 13.8422, 14.5200



23.9150, 23.8693, 24.7538



14.1597, 14.7504, 14.6714



3.3846, 3.4016, 3.5515



7.7253, 3.9830, 0.3616



38.4820, 19.8393, 1.8011

Inverse Universe

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



14.0331, 15.3410, 17.2606



24.6477, 27.2224, 30.8852



13.5546, 14.3841, 17.1011



3.4749, 3.8150, 4.3074



10.0757, 14.7417, 20.0360



50.1904, 73.4326, 99.8077

Previews

White Background



This preview shows how the XYZ color 13.7052, 13.8416, 14.5197 looks on a white background.

Color Contrast Check

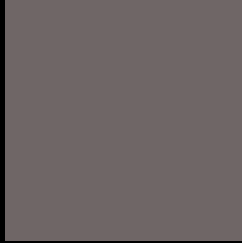
Large Text (above 18pt) WCAG AA ✓ Pass

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 13.7052, 13.8416, 14.5197 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 13.7052, 13.8416, 14.5197

Background



This preview shows how black text looks on a background with the XYZ color 13.7052, 13.8416, 14.5197.

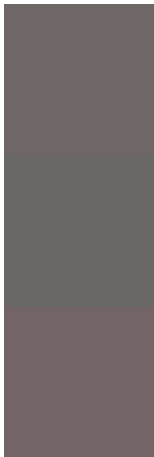


This preview shows how white text looks on a background with the XYZ color 13.7052, 13.8416,

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

13.7052, 13.8416, 14.5197

Protanopia

13.3424, 13.9441, 14.8202

Deuteranopia

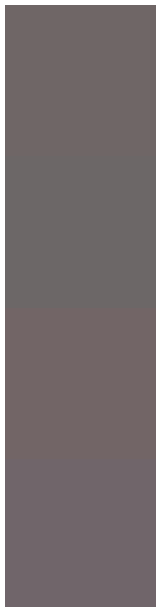
14.1222, 13.9115, 14.5112



Tritanopia

14.0961, 13.8562, 16.3996

Trichromacy



Original Color

13.7052, 13.8416, 14.5197

Protanomaly

13.4828, 13.8679, 14.7981

Deuteranomaly

13.9914, 13.8441, 14.5051

Tritanomaly

13.9373, 13.7927, 15.5634

Monochromacy



Original Color

13.7052, 13.8416, 14.5197

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

13.5124, 14.0259, 15.0918

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.7052, 13.8416, 14.5197 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(111, 102, 102)` looks like.

```
.text, #text, p{  
    color:rgb(111, 102, 102)  
}
```

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(111, 102, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 102, 102) }
```

Border

The CSS property to change the border of an element to XYZ 13.7052, 13.8416, 14.5197 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(111, 102, 102) }
```


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

```
.border{ border-color:rgb(111, 102, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 102, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 102, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 102, 102);  
box-shadow:4px 4px 4px 4px rgb(111, 102,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 13.7052, 13.8416, 14.5197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 102, 102) }
```

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

```
.background{ background-color: rgb(111,  
102, 102) }
```

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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