

Converting Colors

XYZ(13.7739, 14.1742, 11.4734)

Have a look what the booklet for
XYZ(13.7739, 14.1742, 11.4734)
contains.

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Color

**XYZ(13.8237, 14.2667,
11.4764)**

Conversions

Conversions Part 1

Format	Color
Hex	736859
RGB	115, 104, 89
RGB Percent	45%, 41%, 35%
CMY	0.5490, 0.5921, 0.6510
CMYK	0.00, 0.10, 0.23, 0.55
HSL	35°, 13%, 40%
HSV	35°, 23%, 45%
XYZ	13.8237, 14.2667, 11.4764
YIQ	105.5790, 11.3710, -2.3330

Conversions

Conversions Part 2

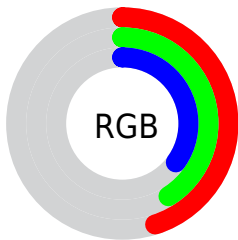
Format	Color
R_{YB}	108, 115, 89
Decimal	7563353
CIE Lab	44.61, 1.68, 10.03
CIE LCh	45, 10.171, 80.480
Yxy	14.2667, 0.3494, 0.3606
Android (android.graphics.Color)	4285753433 (0xFF736859)
YUV	105.5790, -8.1734, 8.2622
Hunter-Lab	37.7713, -0.7715, 8.4253

Details

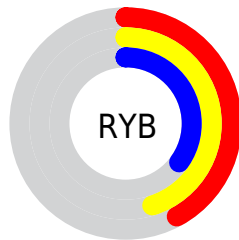
The XYZ color **13.8237, 14.2667, 11.4764** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.7715, 12.4758, 18.0074**, and the grayscale version is **13.6042, 14.3127, 15.5866**.

A 20% lighter version of the original color is **32.3179, 33.5223, 29.1932**, and **4.2139, 4.2940, 2.8922** is the 20% darker color. If you saturate the color by 10%, you get **12.9025, 13.1377, 8.9701**, and if you desaturate by 10%, it is **14.8493, 15.4837, 14.3902**.

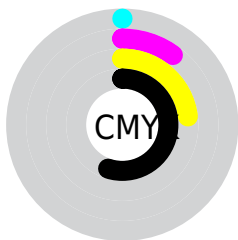
Distribution



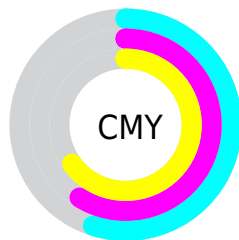
- Red (45%)
- Green (41%)
- Blue (35%)



- Red (42%)
- Yellow (45%)
- Blue (35%)



- Cyan (0%)
- Magenta (10%)
- Yellow (23%)
- Black (55%)



- Cyan (55%)
- Magenta (59%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.8237, 14.2667, 11.4764 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 13.8237, 14.2667, 11.4764 by changing the saturation by 10% instead.

■ 13.8237, 14.2667,
11.4764

■ 13.8237, 14.2667,
11.4764

209.6639,
218.8837, 211.7608

■ 8.0790, 8.3064,
6.2700

■ 32.3648, 33.5615,
29.1878

■ 4.1978, 4.2916,
2.9385

■ 45.8919, 47.6648,
42.5299

■ 1.8146, 1.8380,
1.0633

■ 62.7438, 65.2512,
59.4211

■ 0.5265, 0.5107,
0.0000

■ 83.2860, 86.7051,
80.2798

■ 0.0000, 0.0000,
0.0000

■ 107.8837,
112.4109, 105.5245

136.9024,

142.7530, 135.5739

170.7073,
178.1158, 170.8465

■ 13.8237, 14.2667,
11.4764

■ 13.8237, 14.2667,
11.4764

■ 12.9025, 13.1377,
8.9701

■ 14.8493, 15.4837,
14.3902

■ 12.0808, 12.0925,
6.8518

■ 15.9820, 16.7889,
17.7278

■ 11.3545, 11.1291,
5.1017

■ 17.2257, 18.1852,
21.5060

■ 10.7191, 10.2449,
3.6981

■ 18.5837, 19.6746,
25.7402

■ 10.1696, 9.4371,
2.6168

■ 20.0593, 21.2590,
30.4452

■ 9.7002, 8.7027,
1.8304

■ 21.6554, 22.9404,
35.6349

■ 9.3040, 8.0378,
1.3052

■ 23.3750, 24.7206,
41.3229

■ 9.0394, 7.5830,
0.9872

■ 25.2210, 26.6014,
47.5220

■ 27.1961, 28.5845,
54.2448

Harmonies

Analogous

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



14.5931, 14.2667, 12.2913



13.8237, 14.2667, 11.4764



13.0135, 14.2667, 11.6606

Triad

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



13.8237, 14.2667, 11.4764



12.1299, 14.2667, 17.1756



14.8188, 14.2667, 18.6028

Complementary

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



13.8237, 14.2667, 11.4764



11.7715, 12.4758, 18.0074

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.



14.1218, 14.2667, 20.1822



13.8237, 14.2667, 11.4764



12.5770, 14.2667, 19.3021

Square

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



13.8237, 14.2667, 11.4764



12.0573, 14.2667, 14.7958



13.2998, 14.2667, 20.4504



15.1827, 14.2667, 16.2963

Rectangle

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



13.8237, 14.2667, 11.4764



12.5577, 14.2667, 12.3331



13.2998, 14.2667, 20.4504



14.6144, 14.2667, 19.2457

Sweetspot

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



13.8241, 14.2673, 11.4767



27.6664, 28.9742, 28.9138



12.9559, 11.7151, 13.7029



6.5808, 6.8898, 6.8405



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.



13.8241, 14.2673, 11.4767



23.8900, 24.4973, 18.1722



14.7784, 16.5112, 11.8595



3.8430, 4.0190, 3.9155



10.3123, 8.6259, 1.1214



49.3913, 40.3111, 5.1776

Inverse Universe

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



11.7715, 12.4758, 18.0074



19.5412, 20.7021, 32.0105



10.9552, 10.5934, 17.6871



3.6161, 3.8209, 4.6372



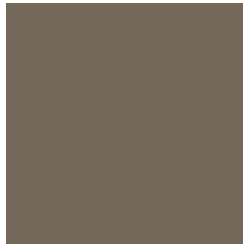
4.7556, 3.8509, 19.0352



22.3633, 17.1433, 92.4906

Previews

White Background



This preview shows how the XYZ color 13.8237, 14.2667, 11.4764 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 13.8237, 14.2667, 11.4764 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 13.8237, 14.2667, 11.4764

Background



This preview shows how black text looks on a background with the XYZ color 13.8237, 14.2667, 11.4764.

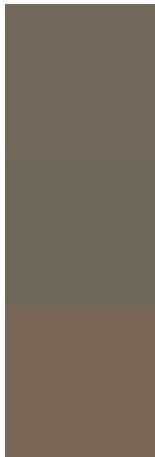


This preview shows how white text looks on a background with the XYZ color 13.8237, 14.2667,

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

13.8237, 14.2667, 11.4764

Protanopia

13.4526, 14.2208, 11.7087

Deuteranopia

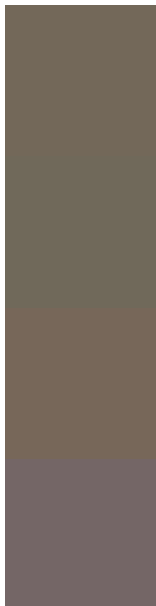
14.4397, 14.2890, 11.4482



Tritanopia

14.7501, 14.1934, 16.4302

Trichromacy



Original Color

13.8237, 14.2667, 11.4764

Protanomaly

13.5791, 14.2861, 11.7147

Deuteranomaly

14.2612, 14.3437, 11.4682

Tritanomaly

14.3521, 14.1751, 14.5500

Monochromacy



Original Color

13.8237, 14.2667, 11.4764

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

13.6585, 14.2745, 14.0920

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.8237, 14.2667, 11.4764 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(115, 104, 89)` looks like.

```
.text, #text, p{  
    color:rgb(115, 104, 89)  
}
```

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(115, 104, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 104, 89) }
```

Border

The CSS property to change the border of an element to XYZ 13.8237, 14.2667, 11.4764 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(115, 104, 89) }
```


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

```
.border{ border-color:rgb(115, 104, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 104, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 104, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 104, 89);  
box-shadow:4px 4px 4px 4px rgb(115, 104,  
89) }
```

Background

The CSS property to change the background color of an element to XYZ 13.8237, 14.2667, 11.4764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 104, 89) }
```

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

```
.background{ background-color: rgb(115,  
104, 89) }
```

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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