

Converting Colors

XYZ(13.3975, 14.2796, 13.6476)

Have a look what the booklet for
XYZ(13.3975, 14.2796, 13.6476)
contains.

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Color

**XYZ(13.4220, 14.3157,
13.6111)**

Conversions

Conversions Part 1

Format	Color
Hex	6B6A62
RGB	107, 106, 98
RGB Percent	42%, 42%, 38%
CMY	0.5804, 0.5843, 0.6157
CMYK	0.00, 0.01, 0.08, 0.58
HSL	53°, 4%, 40%
HSV	53°, 8%, 42%
XYZ	13.4220, 14.3157, 13.6111
YIQ	105.3870, 3.1640, -2.2760

Conversions

Conversions Part 2

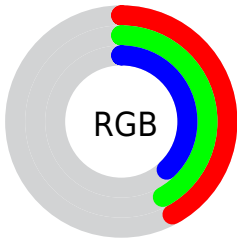
Format	Color
RYB	99, 107, 98
Decimal	7039586
CIELab	44.68, -1.19, 4.62
CIElCh	45, 4.773, 104.418
Yxy	14.3157, 0.3246, 0.3462
Android (android.graphics.Color)	4285229666 (0xFF6B6A62)
YUV	105.3870, -3.6418, 1.4146
Hunter-Lab	37.8361, -2.8920, 5.1564

Details

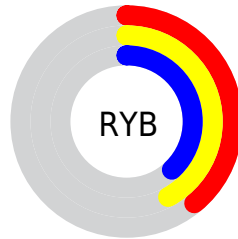
The XYZ color **13.4220, 14.3157, 13.6111** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **12.1526, 12.5816, 15.6979**, and the grayscale version is **13.5416, 14.2468, 15.5147**.

A 20% lighter version of the original color is **31.5823, 33.5530, 33.2456**, and **4.0473, 4.3365, 3.8725** is the 20% darker color. If you saturate the color by 10%, you get **12.8290, 13.8848, 11.0853**, and if you desaturate by 10%, it is **14.0850, 14.7782, 16.4939**.

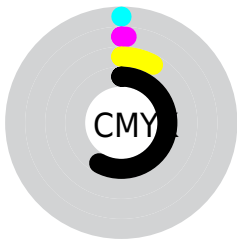
Distribution



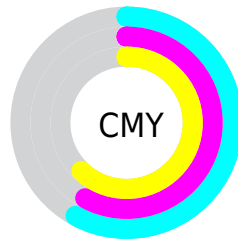
- Red (42%)
- Green (42%)
- Blue (38%)



- Red (39%)
- Yellow (42%)
- Blue (38%)



- Cyan (0%)
- Magenta (1%)
- Yellow (8%)
- Black (58%)



- Cyan (58%)
- Magenta (58%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.4220, 14.3157, 13.6111 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 13.4220, 14.3157, 13.6111 by changing the saturation by 10% instead.

■ 13.4220, 14.3157,
13.6111

■ 13.4220, 14.3157,
13.6111

207.1882,
219.1861, 226.1415

■ 7.7988, 8.3406,
7.7150

■ 31.6548, 33.6481,
33.1045

■ 4.0172, 4.3136,
3.8280

■ 44.9950, 47.7743,
47.5389

■ 1.7119, 1.8505,
1.5315

■ 61.6383, 65.3861,
65.6565

■ 0.4637, 0.5184,
0.2412

■ 81.9501, 86.8682,
87.8759

■ 0.0000, 0.0000,
0.0000

106.2956,
112.6048, 114.6155

135.0402,

142.9804, 146.2940

168.5493,
178.3794, 183.3298

■ 13.4220, 14.3157,
13.6111

■ 13.4220, 14.3157,
13.6111

■ 12.8290, 13.8848,
11.0853

■ 14.0850, 14.7782,
16.4939

■ 12.3022, 13.4826,
8.9015

■ 14.8194, 15.2716,
19.7459

■ 11.8392, 13.1086,
7.0452

■ 15.6280, 15.7973,
23.3802

■ 11.4368, 12.7615,
5.5002

■ 16.5130, 16.3564,
27.4085

■ 11.0918, 12.4401,
4.2491

■ 17.4767, 16.9497,
31.8424

■ 10.8006, 12.1428,
3.2729

■ 18.5211, 17.5779,
36.6929

■ 10.5590, 11.8680,
2.5502

■ 19.6482, 18.2421,
41.9705

■ 10.3625, 11.6138,
2.0564

■ 20.8599, 18.9429,
47.6853

■ 10.1949, 11.3739,
1.7069

■ 22.1582, 19.6811,
53.8473

Harmonies

Analogous

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



13.8077, 14.3157, 13.6213



13.4220, 14.3157, 13.6111



13.0919, 14.3157, 14.1127

Triad

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



13.4220, 14.3157, 13.6111



13.0815, 14.3157, 17.1287



14.3369, 14.3157, 16.1675

Complementary

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



13.4220, 14.3157, 13.6111



12.1526, 12.5816, 15.6979

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.



14.1347, 14.3157, 17.1613



13.4220, 14.3157, 13.6111



13.4075, 14.3157, 17.7340

Square

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



13.4220, 14.3157, 13.6111



12.8979, 14.3157, 16.1246



13.7930, 14.3157, 17.7462



14.3409, 14.3157, 15.0622

Rectangle

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



13.4220, 14.3157, 13.6111



12.9457, 14.3157, 14.6842



13.7930, 14.3157, 17.7462



14.2897, 14.3157, 16.5268

Sweetspot

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



13.4224, 14.3163, 13.6114



24.6509, 26.0690, 27.0410



12.6858, 12.7632, 13.6121



5.9466, 6.2959, 6.4581



54.2243, 57.0482, 62.1254



6.0569, 6.3724, 6.9395

Same Dimension

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



13.4224, 14.3163, 13.6114



23.8265, 25.4867, 23.4785



13.1192, 14.3135, 13.6268



3.3059, 3.5291, 3.3244



12.3573, 13.7643, 2.0055



62.5733, 69.3502, 10.0880

Inverse Universe

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



12.1526, 12.5816, 15.6979



21.0799, 21.7344, 27.9918



12.4390, 12.5899, 15.6844



2.9730, 3.0742, 3.8716



3.3725, 1.5792, 17.0493



16.8457, 7.3700, 86.7609

Previews

White Background



This preview shows how the XYZ color 13.4220, 14.3157, 13.6111 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 13.4220, 14.3157, 13.6111 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

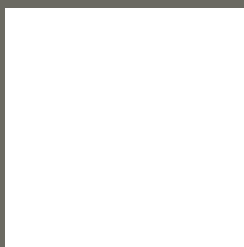
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 13.4220, 14.3157, 13.6111

Background



This preview shows how black text looks on a background with the XYZ color 13.4220, 14.3157, 13.6111.



This preview shows how white text looks on a background with the XYZ color 13.4220, 14.3157,

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

13.4220, 14.3157, 13.6111

Protanopia

13.5629, 14.2362, 13.5883

Deuteranopia

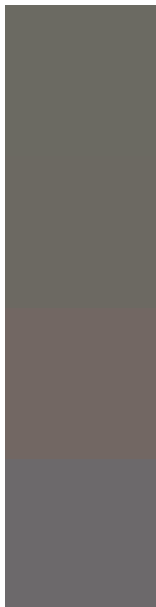
14.4747, 14.2551, 13.7930



Tritanopia

14.1816, 14.3217, 17.3461

Trichromacy



Original Color

13.4220, 14.3157, 13.6111

Protanomaly

13.4405, 14.1731, 13.5826

Deuteranomaly

14.0418, 14.1788, 13.8011

Tritanomaly

13.8898, 14.3528, 15.9482

Monochromacy



Original Color

13.4220, 14.3157, 13.6111

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

13.3937, 14.1266, 14.5912

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.4220, 14.3157, 13.6111 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(107, 106, 98)` looks like.

```
.text, #text, p{  
    color:rgb(107, 106, 98)  
}
```

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(107, 106, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 106, 98) }
```

Border

The CSS property to change the border of an element to XYZ 13.4220, 14.3157, 13.6111 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(107, 106, 98) }
```


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

```
.border{ border-color:rgb(107, 106, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 106, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 106, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 106, 98);  
box-shadow:4px 4px 4px 4px rgb(107, 106,  
98) }
```

Background

The CSS property to change the background color of an element to XYZ 13.4220, 14.3157, 13.6111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 106, 98) }
```

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

```
.background{ background-color: rgb(107,  
106, 98) }
```

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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