

Converting Colors

XYZ(13.1431, 13.7043, 14.2644)

Have a look what the booklet for
XYZ(13.1431, 13.7043, 14.2644)
contains.

XYZ(13.1431, 13.7043, 14.2644)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(13.1431, 13.7043,
14.2644)**

Conversions

Conversions Part 1

Format	Color
Hex	6A6765
RGB	106, 103, 101
RGB Percent	42%, 40%, 40%
CMY	0.5843, 0.5961, 0.6039
CMYK	0.00, 0.03, 0.05, 0.58
HSL	24°, 2%, 41%
HSV	24°, 5%, 42%
XYZ	13.1431, 13.7043, 14.2644
YIQ	103.6690, 2.4300, 0.0140

Conversions

Conversions Part 2

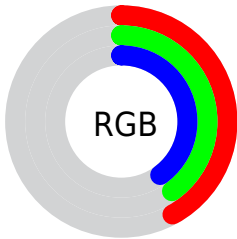
Format	Color
R_{YB}	106, 104, 101
Decimal	6973285
CIE Lab	43.81, 0.77, 1.54
CIE LCh	44, 1.720, 63.288
Yxy	13.7043, 0.3197, 0.3333
Android (android.graphics.Color)	4285163365 (0xFF6A6765)
YUV	103.6690, -1.3158, 2.0443
Hunter-Lab	37.0193, -1.4103, 3.0677

Details

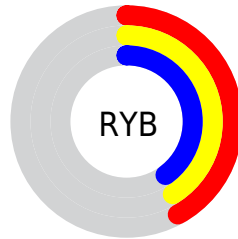
The XYZ color **13.1431, 13.7043, 14.2644** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **12.9186, 13.7077, 15.6008**, and the grayscale version is **13.0730, 13.7538, 14.9779**.

A 20% lighter version of the original color is **31.1277, 32.5463, 34.3472**, and **3.8837, 4.0245, 4.0621** is the 20% darker color. If you saturate the color by 10%, you get **12.0487, 12.2936, 11.5004**, and if you desaturate by 10%, it is **14.3533, 15.2391, 17.3979**.

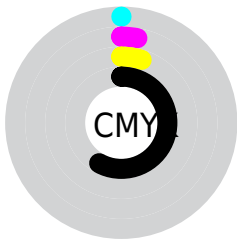
Distribution



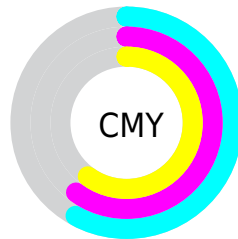
- Red (42%)
- Green (40%)
- Blue (40%)



- Red (42%)
- Yellow (41%)
- Blue (40%)



- Cyan (0%)
- Magenta (3%)
- Yellow (5%)
- Black (58%)



- Cyan (58%)
- Magenta (60%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.1431, 13.7043, 14.2644 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 13.1431, 13.7043, 14.2644 by changing the saturation by 10% instead.

■ 13.1431, 13.7043,
14.2644

■ 13.1431, 13.7043,
14.2644

205.4519,
215.3834, 230.3549

■ 7.6048, 7.9153,
8.1639

■ 31.1598, 32.5634,
34.2813

■ 3.8928, 4.0408,
4.1108

■ 44.3689, 46.4023,
49.0348

■ 1.6417, 1.6964,
1.6863

■ 60.8656, 63.6933,
67.5097

■ 0.4193, 0.4213,
0.3513

■ 81.0154, 84.8208,
90.1247

■ 0.0000, 0.0000,
0.0000

105.1836,
110.1692, 117.2981

133.7355,

140.1228, 149.4486

167.0365,
175.0661, 186.9947

■ 13.1431, 13.7043,
14.2644

■ 13.1431, 13.7043,
14.2644

■ 12.0487, 12.2936,
11.5004

■ 14.3533, 15.2391,
17.3979

■ 11.0654, 11.0022,
9.0913

■ 15.6817, 16.8992,
20.9131

■ 10.1898, 9.8272,
7.0227

■ 17.1319, 18.6883,
24.8225

■ 9.4178, 8.7653,
5.2791

■ 18.7070, 20.6089,
29.1381

■ 8.7451, 7.8129,
3.8435

■ 20.4101, 22.6640,
33.8712

■ 8.1671, 6.9660,
2.6975

■ 22.2441, 24.8561,
39.0326

■ 7.6786, 6.2207,
1.8208

■ 24.2118, 27.1877,
44.6328

■ 7.2741, 5.5725,
1.1903

■ 26.3160, 29.6615,
50.6820

■ 6.9440, 5.0152,
0.7629

■ 28.5593, 32.2797,
57.1898

Harmonies

Analogous

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



13.2447, 13.7043, 14.5155



13.1431, 13.7043, 14.2644



13.0106, 13.7043, 14.1884

Triad

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



13.1431, 13.7043, 14.2644



12.7669, 13.7043, 14.9645



13.1692, 13.7043, 15.5547

Complementary

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



13.1431, 13.7043, 14.2644



12.9186, 13.7077, 15.6008

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.



13.0405, 13.7043, 15.6798



13.1431, 13.7043, 14.2644



12.8087, 13.7043, 15.3353

Square

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



13.1431, 13.7043, 14.2644



12.7940, 13.7043, 14.5884



12.9087, 13.7043, 15.5988



13.2599, 13.7043, 15.2599

Rectangle

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



13.1431, 13.7043, 14.2644



12.9227, 13.7043, 14.2461



12.9087, 13.7043, 15.5988



13.1289, 13.7043, 15.6182

Sweetspot

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



13.1435, 13.7049, 14.2647



23.8264, 25.0201, 26.9867



13.0964, 13.3712, 14.9875



5.5856, 5.8664, 6.3327



52.6788, 55.4222, 60.3547



5.6320, 5.9254, 6.4527

Same Dimension

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



13.1435, 13.7049, 14.2647



22.7761, 23.6801, 24.2921



13.3957, 14.2093, 14.3488



3.2658, 3.3946, 3.4783



8.3919, 5.8334, 0.6837



41.9566, 28.1168, 3.2157

Inverse Universe

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



12.9186, 13.7077, 15.6008



22.2650, 23.6865, 27.3295



12.6709, 13.2123, 15.5183



3.1911, 3.3956, 3.9221



5.4394, 5.7130, 17.7383



26.8495, 27.3775, 90.0955

Previews

White Background



This preview shows how the XYZ color 13.1431, 13.7043, 14.2644 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 13.1431, 13.7043, 14.2644 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

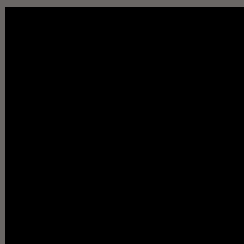
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 13.1431, 13.7043, 14.2644

Background



This preview shows how black text looks on a background with the XYZ color 13.1431, 13.7043, 14.2644.



This preview shows how white text looks on a background with the XYZ color 13.1431, 13.7043,

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

13.1431, 13.7043, 14.2644

Protanopia

13.1431, 13.7043, 14.2644

Deuteranopia

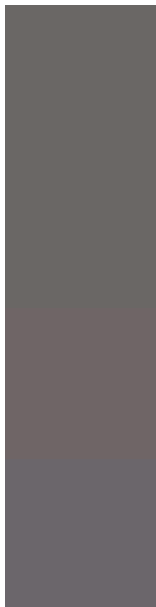
13.8949, 13.6511, 14.4730



Tritanopia

13.6292, 13.7543, 16.6884

Trichromacy



Original Color

13.1431, 13.7043, 14.2644

Protanomaly

13.1431, 13.7043, 14.2644

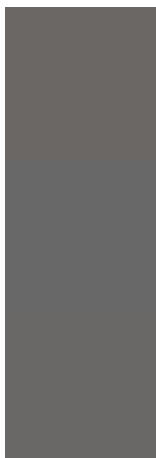
Deuteranomaly

13.6075, 13.6462, 14.4872

Tritanomaly

13.4686, 13.6901, 15.8425

Monochromacy



Original Color

13.1431, 13.7043, 14.2644

Achromatopsia

13.1579, 13.8432, 15.0752

Achromatomaly

13.2242, 13.8832, 14.8147

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.1431, 13.7043, 14.2644 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(106, 103, 101)` looks like.

```
.text, #text, p{  
    color:rgb(106, 103, 101)  
}
```

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(106, 103, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 103, 101) }
```

Border

The CSS property to change the border of an element to XYZ 13.1431, 13.7043, 14.2644 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(106, 103, 101) }
```


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

```
.border{ border-color:rgb(106, 103, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 103, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 103, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 103, 101);  
box-shadow:4px 4px 4px 4px rgb(106, 103,  
101) }
```

Background

The CSS property to change the background color of an element to XYZ 13.1431, 13.7043, 14.2644 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 103, 101) }
```

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

```
.background{ background-color: rgb(106,  
103, 101) }
```

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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