

Converting Colors

XYZ(13.7727, 14.0809, 16.3475)

Have a look what the booklet for
XYZ(13.7727, 14.0809, 16.3475)
contains.

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Color

**XYZ(13.7740, 14.1306,
16.4695)**

Conversions

Conversions Part 1

Format	Color
Hex	6B686D
RGB	107, 104, 109
RGB Percent	42%, 41%, 43%
CMY	0.5804, 0.5921, 0.5725
CMYK	0.02, 0.05, 0.00, 0.57
HSL	276°, 2%, 42%
HSV	276°, 5%, 43%
XYZ	13.7740, 14.1306, 16.4695
YIQ	105.4670, 0.1830, 2.1910

Conversions

Conversions Part 2

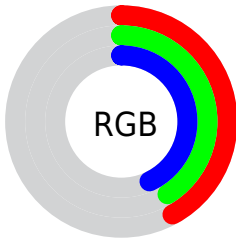
Format	Color
R_{YB}	107, 104, 109
Decimal	7039085
CIE Lab	44.42, 2.20, -2.39
CIE LCh	44, 3.249, 312.627
Yxy	14.1306, 0.3104, 0.3184
Android (android.graphics.Color)	4285229165 (0xFF6B686D)
YUV	105.4670, 1.7418, 1.3444
Hunter-Lab	37.5907, -0.3776, 0.3369

Details

The XYZ color **13.7740, 14.1306, 16.4695** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.9119, 15.0014, 15.2598**, and the grayscale version is **13.5498, 14.2554, 15.5241**.

A 20% lighter version of the original color is **32.1671, 33.2499, 37.9802**, and **4.1961, 4.2347, 5.1537** is the 20% darker color. If you saturate the color by 10%, you get **12.2357, 11.8131, 16.1035**, and if you desaturate by 10%, it is **15.4814, 16.7467, 16.8847**.

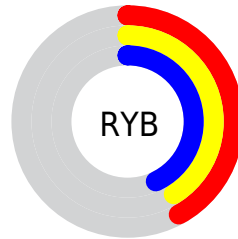
Distribution



Red (42%)

Green (41%)

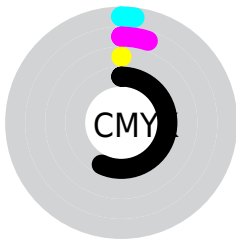
Blue (43%)



Red (42%)

Yellow (41%)

Blue (43%)

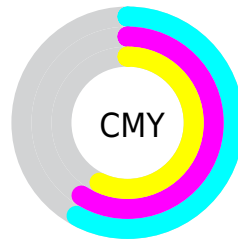


Cyan (2%)

Magenta (5%)

Yellow (0%)

Black (57%)



Cyan (58%)

Magenta (59%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.7740, 14.1306, 16.4695 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 13.7740, 14.1306, 16.4695 by changing the saturation by 10% instead.

■ 13.7740, 14.1306,
16.4695

■ 13.7740, 14.1306,
16.4695

209.3592,
218.0418, 244.0360

■ 8.0443, 8.2116,
9.6990

■ 32.2771, 33.3206,
38.1894

■ 4.1753, 4.2306,
5.0969

■ 45.7812, 47.3603,
53.9760

■ 1.8018, 1.8034,
2.2445

■ 62.6075, 64.8757,
73.6051

■ 0.5188, 0.4893,
0.6999

■ 83.1214, 86.2512,
97.4951

■ 0.0000, 0.0000,
0.0000

107.6881,
111.8711, 126.0647

136.6731,

142.1200, 159.7323

170.4416,
177.3821, 198.9166

■ 13.7740, 14.1306,
16.4695

■ 13.7740, 14.1306,
16.4695

■ 12.2357, 11.8131,
16.1035

■ 15.4814, 16.7467,
16.8847

■ 10.8595, 9.7813,
15.7838

■ 17.3623, 19.6699,
17.3498

■ 9.6398, 8.0242,
15.5090

■ 19.4221, 22.9107,
17.8668

■ 8.5699, 6.5292,
15.2768

■ 21.6660, 26.4787,
18.4372

■ 7.6428, 5.2830,
15.0851

■ 24.0987, 30.3828,
19.0625

■ 6.8508, 4.2706,
14.9314

■ 26.7249, 34.6317,
19.7442

■ 6.1855, 3.4759,
14.8131

■ 29.5488, 39.2338,
20.4837

■ 5.6372, 2.8803,
14.7270

■ 32.5750, 44.1972,
21.2822

■ 5.1895, 2.4515,
14.6679

■ 35.8074, 49.5297,
22.1411

Harmonies

Analogous

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



13.5409, 14.1306, 16.8337



13.7740, 14.1306, 16.4695



13.9162, 14.1306, 15.8197

Triad

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



13.7740, 14.1306, 16.4695



13.5814, 14.1306, 14.0524



12.9462, 14.1306, 15.7027

Complementary

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



13.7740, 14.1306, 16.4695



13.9119, 15.0014, 15.2598

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.



12.9567, 14.1306, 14.9600



13.7740, 14.1306, 16.4695



13.3211, 14.1306, 14.0234

Square

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



13.7740, 14.1306, 16.4695



13.8040, 14.1306, 14.4314



13.0932, 14.1306, 14.3508



13.0643, 14.1306, 16.3815

Rectangle

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



13.7740, 14.1306, 16.4695



13.9391, 14.1306, 15.3199



13.0932, 14.1306, 14.3508



12.9348, 14.1306, 15.4519

Sweetspot

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



13.7744, 14.1312, 16.4698



25.7172, 26.9078, 29.7455



13.6325, 14.3731, 16.5240



5.9904, 6.2706, 6.9234



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.



13.7744, 14.1312, 16.4698



24.2094, 24.6124, 29.3819



13.9954, 14.2477, 16.3634



3.2062, 3.2578, 3.8947



5.7793, 2.6064, 17.1207



28.4487, 12.7655, 87.1908

Inverse Universe

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



13.8591, 14.1932, 15.6458



24.4133, 24.7614, 27.4093



13.6981, 14.8887, 15.3606



3.2336, 3.2778, 3.6292



7.8887, 4.0076, 3.0424



39.7908, 20.2583, 13.3669

Previews

White Background



This preview shows how the XYZ color 13.7740, 14.1306, 16.4695 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 13.7740, 14.1306, 16.4695 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

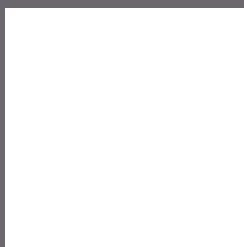
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 13.7740, 14.1306, 16.4695

Background



This preview shows how black text looks on a background with the XYZ color 13.7740, 14.1306, 16.4695.



This preview shows how white text looks on a background with the XYZ color 13.7740, 14.1306,

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

13.7740, 14.1306, 16.4695

Protanopia

13.6545, 14.0689, 16.4639

Deuteranopia

14.3217, 14.1176, 16.4381



Tritanopia

13.9383, 14.1963, 17.3348

Trichromacy

**Original Color**

13.7740, 14.1306, 16.4695

Protanomaly

13.6545, 14.0689, 16.4639

Deuteranomaly

14.1661, 14.1841, 16.4592

Tritanomaly

13.8830, 14.1741, 17.0431

Monochromacy

**Original Color**

13.7740, 14.1306, 16.4695

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

13.5970, 14.2079, 15.6614

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.7740, 14.1306, 16.4695 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, 104, 109)` looks like.

```
.text, #text, p{  
    color:rgb(107, 104, 109)  
}
```

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, 104, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 104, 109) }
```

Border

The CSS property to change the border of an element to XYZ 13.7740, 14.1306, 16.4695 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, 104, 109) }
```


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

```
.border{ border-color:rgb(107, 104, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 104, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 104, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 104, 109);  
box-shadow:4px 4px 4px 4px rgb(107, 104,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 13.7740, 14.1306, 16.4695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 104, 109) }
```

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

```
.background{ background-color: rgb(107,  
104, 109) }
```

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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