

Converting Colors

XYZ(13.6967, 14.1683, 16.3555)

Have a look what the booklet for
XYZ(13.6967, 14.1683, 16.3555)
contains.

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Color

**XYZ(13.7558, 14.2714,
16.4977)**

Conversions

Conversions Part 1

Format	Color
Hex	6A696D
RGB	106, 105, 109
RGB Percent	42%, 41%, 43%
CMY	0.5843, 0.5882, 0.5725
CMYK	0.03, 0.04, 0.00, 0.57
HSL	255°, 2%, 42%
HSV	255°, 4%, 43%
XYZ	13.7558, 14.2714, 16.4977
YIQ	105.7550, -0.6880, 1.4560

Conversions

Conversions Part 2

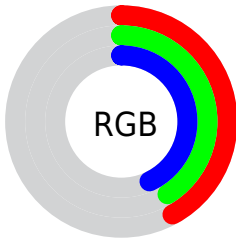
Format	Color
RYB	106, 105, 109
Decimal	6973805
CIELab	44.62, 1.22, -2.11
CIELCh	45, 2.435, 300.127
Yxy	14.2714, 0.3089, 0.3205
Android (android.graphics.Color)	4285163885 (0xFF6A696D)
YUV	105.7550, 1.5998, 0.2149
Hunter-Lab	37.7775, -1.1140, 0.5519

Details

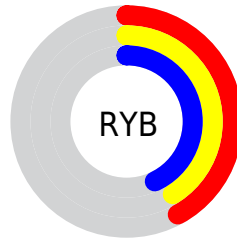
The XYZ color **13.7558, 14.2714, 16.4977** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.2032, 15.1457, 15.5400**, and the grayscale version is **13.6288, 14.3386, 15.6147**.

A 20% lighter version of the original color is **32.1383, 33.4831, 38.0267**, and **4.1862, 4.3037, 5.1675** is the 20% darker color. If you saturate the color by 10%, you get **11.7904, 11.7147, 16.1080**, and if you desaturate by 10%, it is **15.9570, 17.1617, 16.9398**.

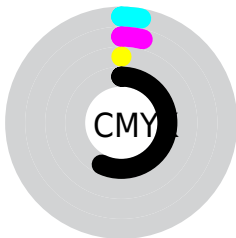
Distribution



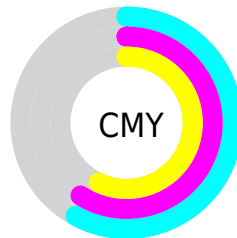
- Red (42%)
- Green (41%)
- Blue (43%)



- Red (42%)
- Yellow (41%)
- Blue (43%)



- Cyan (3%)
- Magenta (4%)
- Yellow (0%)
- Black (57%)



- Cyan (58%)
- Magenta (59%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.7558, 14.2714, 16.4977 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 13.7558, 14.2714, 16.4977 by changing the saturation by 10% instead.

■ 13.7558, 14.2714,
16.4977

■ 13.7558, 14.2714,
16.4977

209.2475,
218.9127, 244.2061

■ 8.0316, 8.3097,
9.7189

■ 32.2450, 33.5698,
38.2388

■ 4.1671, 4.2937,
5.1098

■ 45.7407, 47.6753,
54.0382

■ 1.7971, 1.8392,
2.2520

■ 62.5576, 65.2641,
73.6816

■ 0.5159, 0.5114,
0.7041

■ 83.0610, 86.7207,
97.5874

■ 0.0000, 0.0000,
0.0000

107.6164,
112.4295, 126.1742

136.5890,

142.7748, 159.8605

170.3442,
178.1411, 199.0650

■ 13.7558, 14.2714,
16.4977

■ 13.7558, 14.2714,
16.4977

■ 11.7904, 11.7147,
16.1080

■ 15.9570, 17.1617,
16.9398

■ 10.0516, 9.4777,
15.7679

■ 18.4004, 20.3953,
17.4352

■ 8.5314, 7.5483,
15.4756

■ 21.0936, 23.9836,
17.9858

■ 7.2209, 5.9128,
15.2290

■ 24.0434, 27.9371,
18.5935

■ 6.1106, 4.5565,
15.0257

■ 27.2565, 32.2657,
19.2596

■ 5.1901, 3.4633,
14.8632

■ 30.7393, 36.9791,
19.9858

■ 4.4480, 2.6156,
14.7387

■ 34.4979, 42.0864,
20.7735

■ 3.8718, 1.9935,
14.6490

■ 38.5385, 47.5966,
21.6241

■ 3.4440, 1.5678,
14.5894

■ 42.8666, 53.5183,
22.5390

Harmonies

Analogous

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



13.5654, 14.2714, 16.6509



13.7558, 14.2714, 16.4977



13.8961, 14.2714, 16.0865

Triad

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



13.7558, 14.2714, 16.4977



13.7543, 14.2714, 14.6161



13.1888, 14.2714, 15.5415

Complementary

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



13.7558, 14.2714, 16.4977



14.2032, 15.1457, 15.5400

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.



13.2383, 14.2714, 15.0043



13.7558, 14.2714, 16.4977



13.5637, 14.2714, 14.4780

Square

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



13.7558, 14.2714, 16.4977



13.8952, 14.2714, 15.0003



13.3751, 14.2714, 14.6184



13.2391, 14.2714, 16.0907

Rectangle

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



13.7558, 14.2714, 16.4977



13.9416, 14.2714, 15.7261



13.3751, 14.2714, 14.6184



13.1943, 14.2714, 15.3536

Sweetspot

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



13.7562, 14.2720, 16.4980



25.6315, 26.8636, 29.7415



13.9561, 14.8470, 16.5985



5.9721, 6.2612, 6.9225



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.



13.7562, 14.2720, 16.4980



24.4677, 25.3408, 29.5089



13.9886, 14.3918, 16.5089



3.2263, 3.3366, 3.9089



3.7442, 1.5573, 17.0255



18.3865, 7.5782, 86.7199

Inverse Universe

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



14.0654, 14.4376, 16.2332



25.0868, 25.6724, 28.9779



13.9707, 15.0258, 15.5291



3.3154, 3.3843, 3.8323



9.1373, 4.5070, 9.6175



46.1984, 22.8213, 47.1087

Previews

White Background



This preview shows how the XYZ color 13.7558, 14.2714, 16.4977 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 13.7558, 14.2714, 16.4977 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

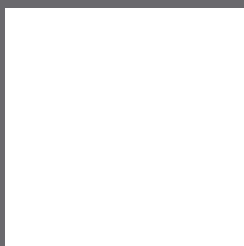
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 13.7558, 14.2714, 16.4977

Background



This preview shows how black text looks on a background with the XYZ color 13.7558, 14.2714, 16.4977.



This preview shows how white text looks on a background with the XYZ color 13.7558, 14.2714,

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

13.7558, 14.2714, 16.4977

Protanopia

13.7558, 14.2714, 16.4977

Deuteranopia

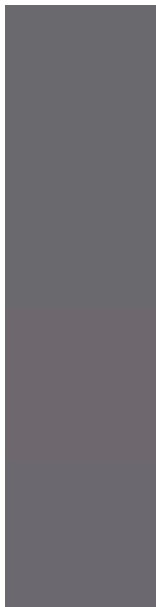
14.5053, 14.2059, 16.7294



Tritanopia

13.9944, 14.2187, 17.6297

Trichromacy



Original Color

13.7558, 14.2714, 16.4977

Protanomaly

13.7558, 14.2714, 16.4977

Deuteranomaly

14.2203, 14.2058, 16.7444

Tritanomaly

13.9383, 14.1963, 17.3348

Monochromacy



Original Color

13.7558, 14.2714, 16.4977

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

13.7517, 14.4338, 15.9711

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.7558, 14.2714, 16.4977 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, 105, 109)` looks like.

```
.text, #text, p{  
    color:rgb(106, 105, 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(106, 105, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 105, 109) }
```

Border

The CSS property to change the border of an element to XYZ 13.7558, 14.2714, 16.4977 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, 105, 109) }
```


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

```
.border{ border-color:rgb(106, 105, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 105, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 105, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 105, 109);  
box-shadow:4px 4px 4px 4px rgb(106, 105,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 13.7558, 14.2714, 16.4977 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 105, 109) }
```

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

```
.background{ background-color: rgb(106,  
105, 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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