

Converting Colors

XYZ(13.8659, 14.4010, 16.4715)

Have a look what the booklet for
XYZ(13.8659, 14.4010, 16.4715)
contains.

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Color

**XYZ(13.8753, 14.3331,
16.5033)**

Conversions

Conversions Part 1

Format	Color
Hex	6B696D
RGB	107, 105, 109
RGB Percent	42%, 41%, 43%
CMY	0.5804, 0.5882, 0.5725
CMYK	0.02, 0.04, 0.00, 0.57
HSL	270°, 2%, 42%
HSV	270°, 4%, 43%
XYZ	13.8753, 14.3331, 16.5033
YIQ	106.0540, -0.0920, 1.6680

Conversions

Conversions Part 2

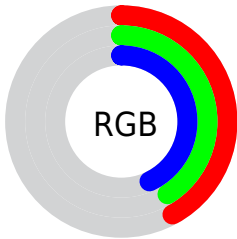
Format	Color
R_{YB}	107, 105, 109
Decimal	7039341
CIE Lab	44.71, 1.60, -1.97
CIE LCh	45, 2.539, 309.187
Yxy	14.3331, 0.3103, 0.3206
Android (android.graphics.Color)	4285229421 (0xFF6B696D)
YUV	106.0540, 1.4524, 0.8296
Hunter-Lab	37.8591, -0.8334, 0.6560

Details

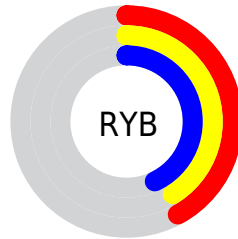
The XYZ color **13.8753, 14.3331, 16.5033** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.0825, 15.0834, 15.5345**, and the grayscale version is **13.7109, 14.4249, 15.7088**.

A 20% lighter version of the original color is **32.3342, 33.5841, 38.0359**, and **4.2460, 4.3346, 5.1703** is the 20% darker color. If you saturate the color by 10%, you get **12.2005, 11.9262, 16.1272**, and if you desaturate by 10%, it is **15.7346, 17.0472, 16.9294**.

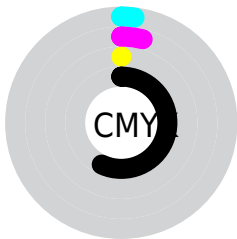
Distribution



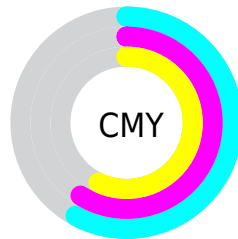
- Red (42%)
- Green (41%)
- Blue (43%)



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



- Cyan (2%)
- Magenta (4%)
- Yellow (0%)
- Black (57%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.8753, 14.3331, 16.5033 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 13.8753, 14.3331, 16.5033 by changing the saturation by 10% instead.

■ 13.8753, 14.3331,
16.5033

■ 13.8753, 14.3331,
16.5033

209.9799,
219.2933, 244.2398

■ 8.1151, 8.3527,
9.7228

■ 32.4557, 33.6789,
38.2487

■ 4.2211, 4.3215,
5.1124

■ 46.0067, 47.8131,
54.0506

■ 1.8280, 1.8550,
2.2534

■ 62.8852, 65.4340,
73.6967

■ 0.5344, 0.5211,
0.7050

■ 83.4568, 86.9261,
97.6057

■ 0.0000, 0.0000,
0.0000

108.0866,
112.6736, 126.1959

137.1402,

143.0611, 159.8860

170.9828,
178.4729, 199.0944

■ 13.8753, 14.3331,
16.5033

■ 13.8753, 14.3331,
16.5033

■ 12.2005, 11.9262,
16.1272

■ 15.7346, 17.0472,
16.9294

■ 10.7029, 9.8136,
15.7984

■ 17.7830, 20.0771,
17.4063

■ 9.3763, 7.9840,
15.5151

■ 20.0264, 23.4337,
17.9359

■ 8.2140, 6.4248,
15.2754

■ 22.4702, 27.1263,
18.5199

■ 7.2084, 5.1224,
15.0771

■ 25.1195, 31.1643,
19.1596

6.3515, 4.0620,
14.9176

27.9791, 35.5563,
19.8567

5.6344, 3.2272,
14.7942

31.0539, 40.3111,
20.6124

5.0473, 2.5995,
14.7040

34.3483, 45.4367,
21.4281

4.5755, 2.1511,
14.6423

37.8669, 50.9411,
22.3051

Harmonies

Analogous

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



13.6866, 14.3331, 16.7546



13.8753, 14.3331, 16.5033



13.9973, 14.3331, 16.0134

Triad

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



13.8753, 14.3331, 16.5033



13.7646, 14.3331, 14.5685



13.2354, 14.3331, 15.7883

Complementary

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



13.8753, 14.3331, 16.5033



14.0825, 15.0834, 15.5345

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.



13.2558, 14.3331, 15.2062



13.8753, 14.3331, 16.5033



13.5600, 14.3331, 14.5117

Square

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



13.8753, 14.3331, 16.5033



13.9329, 14.3331, 14.8996



13.3741, 14.3331, 14.7424



13.3181, 14.3331, 16.3350

Rectangle

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



13.8753, 14.3331, 16.5033



14.0236, 14.3331, 15.6224



13.3741, 14.3331, 14.7424



13.2305, 14.3331, 15.5902

Sweetspot

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



13.8757, 14.3337, 16.5036



25.6926, 26.8951, 29.7444



13.8512, 14.6373, 16.5635



5.9852, 6.2679, 6.9231



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.



13.8757, 14.3337, 16.5036



24.7064, 25.4639, 29.5201



14.1108, 14.4549, 16.5146



3.2606, 3.3543, 3.9105



5.0094, 2.2095, 17.0847



24.5228, 10.7416, 87.0070

Inverse Universe

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



14.0127, 14.4166, 15.9549



24.9809, 25.6300, 28.4204



13.8525, 14.9649, 15.5238



3.3002, 3.3783, 3.7520



8.1578, 4.1152, 4.4595



41.1289, 20.7935, 20.4133

Previews

White Background



This preview shows how the XYZ color 13.8753, 14.3331, 16.5033 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 13.8753, 14.3331, 16.5033 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

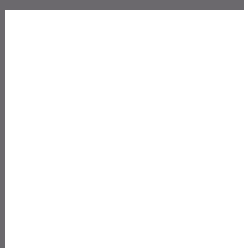
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 13.8753, 14.3331, 16.5033

Background



This preview shows how black text looks on a background with the XYZ color 13.8753, 14.3331, 16.5033.



This preview shows how white text looks on a background with the XYZ color 13.8753, 14.3331,

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

13.8753, 14.3331, 16.5033

Protanopia

13.8753, 14.3331, 16.5033

Deuteranopia

14.5500, 14.3820, 16.4771



Tritanopia

14.1153, 14.2810, 17.6353

Trichromacy

**Original Color**

13.8753, 14.3331, 16.5033

Protanomaly

13.8753, 14.3331, 16.5033

Deuteranomaly

14.2662, 14.3843, 16.4925

Tritanomaly

14.0593, 14.2586, 17.3404

Monochromacy

**Original Color**

13.8753, 14.3331, 16.5033

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 13.8753, 14.3331, 16.5033 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, 105, 109)` looks like.

```
.text, #text, p{  
    color:rgb(107, 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(107, 105, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 105, 109) }
```

Border

The CSS property to change the border of an element to XYZ 13.8753, 14.3331, 16.5033 is called "border". The border property can be set on classes, ids or directly on the HTML element.

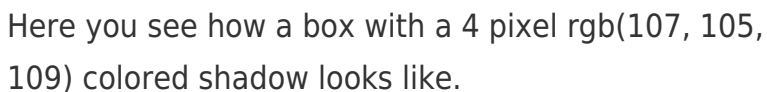
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(107, 105, 109) }
```


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

```
.border{ border-color:rgb(107, 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(107, 105, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 105, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 105, 109);  
box-shadow:4px 4px 4px 4px rgb(107, 105,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 13.8753, 14.3331, 16.5033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 105, 109) }
```

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

```
.background{ background-color: rgb(107,  
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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