

Converting Colors

XYZ(13.4524, 13.3594, 14.2231)

Have a look what the booklet for
XYZ(13.4524, 13.3594, 14.2231)
contains.

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Color

**XYZ(13.4617, 13.4334,
14.1953)**

Conversions

Conversions Part 1

Format	Color
Hex	6F6465
RGB	111, 100, 101
RGB Percent	44%, 39%, 40%
CMY	0.5647, 0.6078, 0.6039
CMYK	0.00, 0.10, 0.09, 0.56
HSL	355°, 5%, 41%
HSV	355°, 10%, 44%
XYZ	13.4617, 13.4334, 14.1953
YIQ	103.4030, 6.2350, 2.6430

Conversions

Conversions Part 2

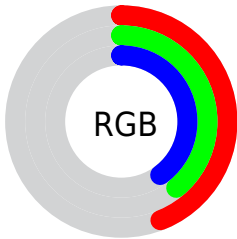
Format	Color
R_{YB}	111, 100, 101
Decimal	7300197
CIE Lab	43.41, 4.56, 1.02
CIE LCh	43, 4.668, 12.585
Yxy	13.4334, 0.3276, 0.3269
Android (android.graphics.Color)	4285490277 (0xFF6F6465)
YUV	103.4030, -1.1847, 6.6626
Hunter-Lab	36.6516, 1.4206, 2.6929

Details

The XYZ color **13.4617, 13.4334, 14.1953** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.7550, 15.2044, 16.9624**, and the grayscale version is **13.0011, 13.6782, 14.8955**.

A 20% lighter version of the original color is **31.8384, 32.1867, 34.2404**, and **3.9889, 3.8693, 4.0266** is the 20% darker color. If you saturate the color by 10%, you get **12.0043, 11.2618, 11.4178**, and if you desaturate by 10%, it is **15.1257, 15.9206, 17.3417**.

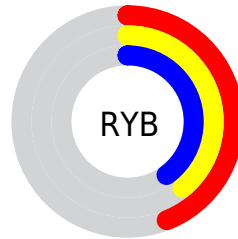
Distribution



Red (44%)

Green (39%)

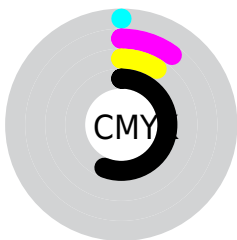
Blue (40%)



Red (44%)

Yellow (39%)

Blue (40%)

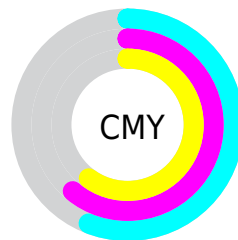


Cyan (0%)

Magenta (10%)

Yellow (9%)

Black (56%)



Cyan (56%)

Magenta (61%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.4617, 13.4334, 14.1953 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 13.4617, 13.4334, 14.1953 by changing the saturation by 10% instead.

■ 13.4617, 13.4334,
14.1953

■ 13.4617, 13.4334,
14.1953

207.4342,
213.6769, 229.9130

■ 7.8264, 7.7277,
8.1163

■ 31.7251, 32.0802,
34.1573

■ 4.0349, 3.9212,
4.0806

■ 45.0839, 45.7901,
48.8773

■ 1.7219, 1.6296,
1.6697

■ 61.7480, 62.9369,
67.3148

■ 0.4699, 0.3774,
0.3398

■ 82.0826, 83.9048,
89.8883

■ 0.0000, 0.0000,
0.0000

106.4532,
109.0784, 117.0163

135.2251,

138.8420, 149.1174

168.7636,
173.5801, 186.6101

■ 13.4617, 13.4334,
14.1953

■ 13.4617, 13.4334,
14.1953

■ 12.0043, 11.2618,
11.4178

■ 15.1257, 15.9206,
17.3417

■ 10.7443, 9.3916,
8.9948

■ 17.0027, 18.7335,
20.8688

■ 9.6736, 7.8099,
6.9123

■ 19.1004, 21.8839,
24.7892

■ 8.7830, 6.5024,
5.1550

■ 21.4255, 25.3825,
29.1145

■ 8.0626, 5.4535,
3.7064

■ 23.9846, 29.2395,
33.8558

■ 7.5014, 4.6460,
2.5488

■ 26.7840, 33.4647,
39.0239

■ 7.0872, 4.0605,
1.6622

■ 29.8298, 38.0675,
44.6290

■ 6.8063, 3.6750,
1.0246

■ 33.1278, 43.0569,
50.6812

■ 6.6125, 3.4041,
0.6005

■ 36.6837, 48.4418,
57.1900

Harmonies

Analogous

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



13.4459, 13.4334, 15.2334



13.4617, 13.4334, 14.1953



13.2891, 13.4334, 13.3148

Triad

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



13.4617, 13.4334, 14.1953



12.3014, 13.4334, 13.2032



12.5602, 13.4334, 16.6189

Complementary

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



13.4617, 13.4334, 14.1953



13.7550, 15.2044, 16.9624

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.



12.2608, 13.4334, 16.0220



13.4617, 13.4334, 14.1953



12.1133, 13.4334, 14.0363

Square

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



13.4617, 13.4334, 14.1953



12.6165, 13.4334, 12.7606



12.0986, 13.4334, 15.0667



12.9208, 13.4334, 16.6664

Rectangle

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



13.4617, 13.4334, 14.1953



13.0922, 13.4334, 12.9224



12.0986, 13.4334, 15.0667



12.4492, 13.4334, 16.4746

Sweetspot

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



13.4621, 13.4340, 14.1956



26.0986, 27.0328, 29.1922



13.8448, 13.5712, 16.9290



6.2186, 6.4176, 6.9161



55.7959, 58.7016, 63.9261



6.5000, 6.8385, 7.4471

Same Dimension

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



13.4621, 13.4340, 14.1956



23.4412, 23.0640, 24.1567



13.8469, 14.2815, 14.0840



3.3957, 3.4060, 3.6103



7.7846, 4.0062, 0.6759



38.6305, 19.8975, 2.5865

Inverse Universe

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



13.4621, 13.4340, 14.1956



23.4412, 23.0640, 24.1567



13.3414, 14.2897, 17.0942



3.3957, 3.4060, 3.6103



7.7846, 4.0062, 0.6759



38.6305, 19.8975, 2.5865

Previews

White Background



This preview shows how the XYZ color 13.4617, 13.4334, 14.1953 looks on a white background.

Color Contrast Check

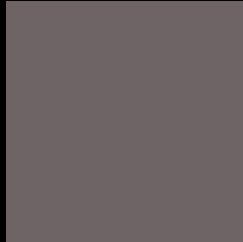
Large Text (above 18pt) WCAG AA ✓ Pass

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 13.4617, 13.4334, 14.1953 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 13.4617, 13.4334, 14.1953

Background



This preview shows how black text looks on a background with the XYZ color 13.4617, 13.4334, 14.1953.



This preview shows how white text looks on a background with the XYZ color 13.4617, 13.4334,

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

13.4617, 13.4334, 14.1953

Protanopia

12.8586, 13.4051, 14.4801

Deuteranopia

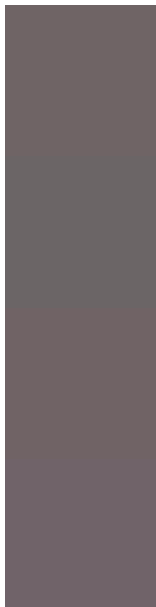
13.6209, 13.3740, 14.1755



Tritanopia

13.7978, 13.4300, 15.7749

Trichromacy



Original Color

13.4617, 13.4334, 14.1953

Protanomaly

13.1154, 13.3925, 14.4641

Deuteranomaly

13.4929, 13.3080, 14.1695

Tritanomaly

13.6937, 13.3883, 15.2271

Monochromacy



Original Color

13.4617, 13.4334, 14.1953

Achromatopsia

12.8919, 13.5633, 14.7705

Achromatomaly

13.0935, 13.5262, 14.4911

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.4617, 13.4334, 14.1953 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(111, 100, 101)` looks like.

```
.text, #text, p{  
    color:rgb(111, 100, 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(111, 100, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 100, 101) }
```

Border

The CSS property to change the border of an element to XYZ 13.4617, 13.4334, 14.1953 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(111, 100, 101) }
```


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

```
.border{ border-color:rgb(111, 100, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 100, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 100, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 100, 101);  
box-shadow:4px 4px 4px 4px rgb(111, 100,  
101) }
```

Background

The CSS property to change the background color of an element to XYZ 13.4617, 13.4334, 14.1953 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 100, 101) }
```

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

```
.background{ background-color: rgb(111,  
100, 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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