

Converting Colors

XYZ(14.7774, 15.7676, 14.3506)

Have a look what the booklet for
XYZ(14.7774, 15.7676, 14.3506)
contains.

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Color

**XYZ(14.7947, 15.7997,
14.3265)**

Conversions

Conversions Part 1

Format	Color
Hex	716F64
RGB	113, 111, 100
RGB Percent	44%, 44%, 39%
CMY	0.5569, 0.5647, 0.6078
CMYK	0.00, 0.02, 0.12, 0.56
HSL	51°, 6%, 42%
HSV	51°, 12%, 44%
XYZ	14.7947, 15.7997, 14.3265
YIQ	110.3440, 4.7230, -2.9970

Conversions

Conversions Part 2

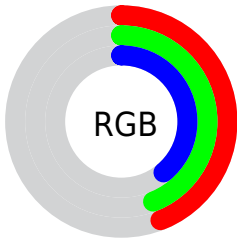
Format	Color
R_{YB}	102, 113, 100
Decimal	7434084
CIE _{Lab}	46.71, -1.34, 6.40
CIE _{LCh}	47, 6.537, 101.840
Yxy	15.7997, 0.3294, 0.3517
Android (android.graphics.Color)	4285624164 (0xFF716F64)
YUV	110.3440, -5.0996, 2.3293
Hunter-Lab	39.7488, -3.1219, 6.4545

Details

The XYZ color **14.7947, 15.7997, 14.3265** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **12.9874, 13.4040, 17.5255**, and the grayscale version is **14.9335, 15.7112, 17.1095**.

A 20% lighter version of the original color is **34.2002, 36.4281, 34.5069**, and **4.6001, 4.9359, 4.0784** is the 20% darker color. If you saturate the color by 10%, you get **14.0979, 15.2214, 11.5805**, and if you desaturate by 10%, it is **15.5719, 16.4171, 17.4741**.

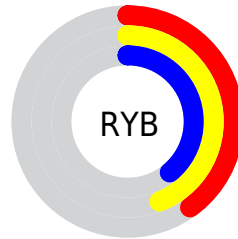
Distribution



Red (44%)

Green (44%)

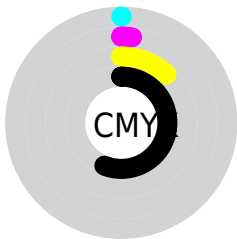
Blue (39%)



Red (40%)

Yellow (44%)

Blue (39%)

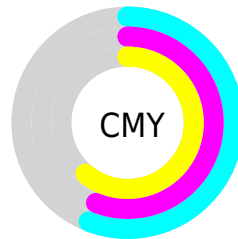


Cyan (0%)

Magenta (2%)

Yellow (12%)

Black (56%)



Cyan (56%)

Magenta (56%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.7947, 15.7997, 14.3265 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 14.7947, 15.7997, 14.3265 by changing the saturation by 10% instead.

■ 14.7947, 15.7997,
14.3265

■ 14.7947, 15.7997,
14.3265

215.5333,
228.1569, 230.7513

■ 8.7608, 9.3825,
8.2068

■ 34.0672, 36.2501,
34.3927

■ 4.6413, 4.9915,
4.1379

■ 48.0366, 51.0522,
49.1762

■ 2.0710, 2.2423,
1.7013

■ 65.3818, 69.4180,
67.6847

■ 0.6734, 0.7429,
0.3616

■ 86.4683, 91.7319,
90.3368

■ 0.0000, 0.0000,
0.0000

111.6613,
118.3783, 117.5509

141.3262,

149.7417, 149.7457

175.8284,
186.2064, 187.3396

■ 14.7947, 15.7997,
14.3265

■ 14.7947, 15.7997,
14.3265

■ 14.0979, 15.2214,
11.5805

■ 15.5719, 16.4171,
17.4741

■ 13.4771, 14.6788,
9.2186

■ 16.4313, 17.0728,
21.0376

■ 12.9294, 14.1712,
7.2238

■ 17.3759, 17.7686,
25.0319

■ 12.4512, 13.6973,
5.5771

■ 18.4085, 18.5055,
29.4711

■ 12.0386, 13.2554,
4.2580

■ 19.5317, 19.2847,
34.3683

■ 11.6873, 12.8437,
3.2440

■ 20.7477, 20.1071,
39.7362

■ 11.3923, 12.4602,
2.5093

■ 22.0590, 20.9736,
45.5871

■ 11.1481, 12.1027,
2.0242

■ 23.4679, 21.8854,
51.9327

■ 10.9603, 11.8112,
1.7021

■ 24.9765, 22.8431,
58.7844

Harmonies

Analogous

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



15.3593, 15.7997, 14.4054



14.7947, 15.7997, 14.3265



14.3020, 15.7997, 14.9817

Triad

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



14.7947, 15.7997, 14.3265



14.2200, 15.7997, 19.3696



16.0763, 15.7997, 18.1941

Complementary

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



14.7947, 15.7997, 14.3265



12.9874, 13.4040, 17.5255

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.



15.7557, 15.7997, 19.6340



14.7947, 15.7997, 14.3265



14.6801, 15.7997, 20.3416

Square

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



14.7947, 15.7997, 14.3265



13.9759, 15.7997, 17.8514



15.2418, 15.7997, 20.4413



16.1089, 15.7997, 16.5709

Rectangle

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



14.7947, 15.7997, 14.3265



14.0769, 15.7997, 15.7723



15.2418, 15.7997, 20.4413



15.9983, 15.7997, 18.7181

Sweetspot

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



14.7951, 15.8004, 14.3268



27.6555, 29.2192, 30.3532



13.7739, 13.5879, 14.5107



6.3725, 6.7392, 6.9248



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.



14.7951, 15.8004, 14.3268



26.1206, 27.9890, 24.1707



14.4712, 15.9605, 14.3748



3.6004, 3.8332, 3.6235



12.4214, 13.3752, 1.9270



61.3686, 65.6124, 9.4300

Inverse Universe

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



12.9874, 13.4040, 17.5255



22.1513, 22.7270, 31.1947



13.2857, 13.2699, 17.4839



3.2552, 3.3756, 4.2342



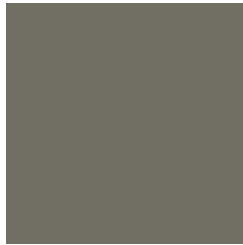
3.6041, 1.7985, 17.8788



17.5356, 8.1230, 88.9228

Previews

White Background



This preview shows how the XYZ color 14.7947, 15.7997, 14.3265 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 14.7947, 15.7997, 14.3265 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

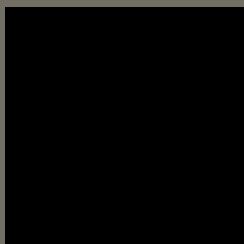
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.7947, 15.7997, 14.3265

Background



This preview shows how black text looks on a background with the XYZ color 14.7947, 15.7997, 14.3265.



This preview shows how white text looks on a background with the XYZ color 14.7947, 15.7997,

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

14.7947, 15.7997, 14.3265

Protanopia

14.9464, 15.7168, 14.3025

Deuteranopia

16.0641, 15.8149, 14.5178



Tritanopia

15.7498, 15.8665, 19.0621

Trichromacy



Original Color

14.7947, 15.7997, 14.3265

Protanomaly

14.8156, 15.6494, 14.2964

Deuteranomaly

15.5967, 15.7297, 14.5260

Tritanomaly

15.3846, 15.8770, 17.2926

Monochromacy



Original Color

14.7947, 15.7997, 14.3265

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

14.7330, 15.5720, 15.8648

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.7947, 15.7997, 14.3265 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(113, 111, 100)` looks like.

```
.text, #text, p{  
    color:rgb(113, 111, 100)  
}
```

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(113, 111, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 111, 100) }
```

Border

The CSS property to change the border of an element to XYZ 14.7947, 15.7997, 14.3265 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(113, 111, 100) }
```


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

```
.border{ border-color:rgb(113, 111, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 111, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 111, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 111, 100);  
box-shadow:4px 4px 4px 4px rgb(113, 111,  
100) }
```

Background

The CSS property to change the background color of an element to XYZ 14.7947, 15.7997, 14.3265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 111, 100) }
```

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

```
.background{ background-color: rgb(113,  
111, 100) }
```

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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