

Converting Colors

XYZ(14.0704, 15.8974, 14.3293)

Have a look what the booklet for
XYZ(14.0704, 15.8974, 14.3293)
contains.

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Color

**XYZ(14.1433, 15.9580,
14.3914)**

Conversions

Conversions Part 1

Format	Color
Hex	697264
RGB	105, 114, 100
RGB Percent	41%, 45%, 39%
CMY	0.5882, 0.5529, 0.6078
CMYK	0.08, 0.00, 0.12, 0.55
HSL	99°, 7%, 42%
HSV	99°, 12%, 45%
XYZ	14.1433, 15.9580, 14.3914
YIQ	109.7130, -0.8700, -6.2620

Conversions

Conversions Part 2

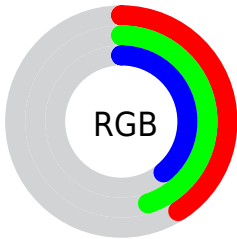
Format	Color
R_{YB}	100, 114, 109
Decimal	6910564
CIE _{Lab}	46.92, -6.25, 6.60
CIE _{LCh}	47, 9.091, 133.411
Yxy	15.9580, 0.3179, 0.3587
Android (android.graphics.Color)	4285100644 (0xFF697264)
YUV	109.7130, -4.7885, -4.1333
Hunter-Lab	39.9475, -6.7106, 6.6035

Details

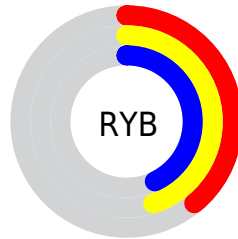
The XYZ color **14.1433, 15.9580, 14.3914** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.9017, 13.5809, 17.8091**, and the grayscale version is **14.7527, 15.5209, 16.9023**.

A 20% lighter version of the original color is **32.9324, 36.5747, 34.6021**, and **4.3357, 5.0530, 4.1150** is the 20% darker color. If you saturate the color by 10%, you get **12.8057, 15.3283, 11.6473**, and if you desaturate by 10%, it is **15.6332, 16.6583, 17.5465**.

Distribution



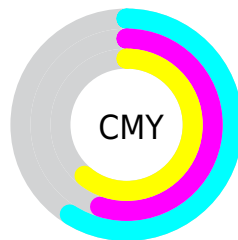
- Red (41%)
- Green (45%)
- Blue (39%)



- Red (39%)
- Yellow (45%)
- Blue (43%)



- Cyan (8%)
- Magenta (0%)
- Yellow (12%)
- Black (55%)



- Cyan (59%)
- Magenta (55%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.1433, 15.9580, 14.3914 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 14.1433, 15.9580, 14.3914 by changing the saturation by 10% instead.

■ 14.1433, 15.9580,
14.3914

■ 14.1433, 15.9580,
14.3914

211.6133,
229.0938, 231.1648

■ 8.3028, 9.4944,
8.2515

■ 32.9272, 36.5253,
34.5090

■ 4.3427, 5.0651,
4.1662

■ 46.6013, 51.3978,
49.3238

■ 1.8978, 2.2855,
1.7170

■ 63.6173, 69.8421,
67.8673

■ 0.5756, 0.7660,
0.3723

■ 84.3406, 92.2425,
90.5581

■ 0.0000, 0.0000,
0.0000

109.1365,
118.9835, 117.8147

138.3703,

150.4494, 150.0557

172.4075,
187.0247, 187.6995

■ 14.1433, 15.9580,
14.3914

■ 14.1433, 15.9580,
14.3914

■ 12.8057, 15.3283,
11.6473

■ 15.6332, 16.6583,
17.5465

■ 11.6141, 14.7648,
9.2961

■ 17.2790, 17.4291,
21.1273

■ 10.5635, 14.2658,
7.3203

■ 19.0856, 18.2733,
25.1493

■ 9.6483, 13.8289,
5.7002

■ 21.0574, 19.1928,
29.6269

■ 8.8623, 13.4514,
4.4148

■ 23.1986, 20.1893,
34.5736

■ 8.1989, 13.1303,
3.4404

■ 25.5134, 21.2649,
40.0026

■ 7.6507, 12.8623,
2.7506

■ 28.0055, 22.4211,
45.9265

■ 7.2091, 12.6439,
2.3132

■ 30.6788, 23.6596,
52.3574

■ 6.9205, 12.5007,
2.0481

■ 33.5370, 24.9822,
59.3070

Harmonies

Analogous

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



14.8166, 15.9580, 13.4632



14.1433, 15.9580, 14.3914



13.7522, 15.9580, 16.1580

Triad

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



14.1433, 15.9580, 14.3914



14.7363, 15.9580, 21.9075



16.7003, 15.9580, 16.3819

Complementary

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



14.1433, 15.9580, 14.3914



13.9017, 13.5809, 17.8091

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.



16.6769, 15.9580, 18.6528



14.1433, 15.9580, 14.3914



15.5241, 15.9580, 21.9807

Square

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



14.1433, 15.9580, 14.3914



14.0863, 15.9580, 20.5539



16.2402, 15.9580, 20.7461



16.3029, 15.9580, 14.5430

Rectangle

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



14.1433, 15.9580, 14.3914



13.6953, 15.9580, 17.6368



16.2402, 15.9580, 20.7461



16.7418, 15.9580, 17.1169

Sweetspot

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



14.1437, 15.9587, 14.3917



26.9740, 29.0390, 29.7683



14.6947, 15.4070, 14.2562



6.1997, 6.6976, 6.8022



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.



14.1437, 15.9587, 14.3917



24.0955, 27.6860, 23.7163



13.6650, 15.7013, 14.8465



3.4471, 3.8158, 3.6282



7.6862, 13.9061, 2.2790



37.4233, 68.8264, 11.3124

Inverse Universe

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



13.9017, 13.5809, 17.8091



23.5734, 22.5574, 31.0871



14.4293, 13.8650, 17.2846



3.4044, 3.3968, 4.2304



6.4459, 2.9324, 17.9479



31.1455, 14.1105, 89.3612

Previews

White Background



This preview shows how the XYZ color 14.1433, 15.9580, 14.3914 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 14.1433, 15.9580, 14.3914 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

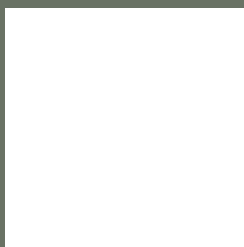
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.1433, 15.9580, 14.3914

Background



This preview shows how black text looks on a background with the XYZ color 14.1433, 15.9580, 14.3914.

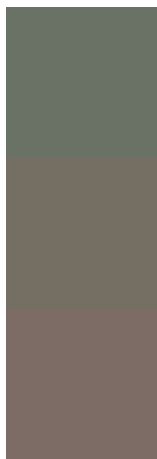


This preview shows how white text looks on a background with the XYZ color 14.1433, 15.9580,

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

14.1433, 15.9580, 14.3914

Protanopia

15.0915, 15.9637, 13.8412

Deuteranopia

16.0641, 15.8149, 14.5178



Tritanopia

15.2589, 15.9131, 20.0366

Trichromacy



Original Color

14.1433, 15.9580, 14.3914

Protanomaly

14.7284, 15.9339, 14.1037

Deuteranomaly

15.3961, 15.9430, 14.5778

Tritanomaly

14.8382, 15.9064, 17.9110

Monochromacy



Original Color

14.1433, 15.9580, 14.3914

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

14.4703, 15.5976, 15.8836

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.1433, 15.9580, 14.3914 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(105, 114, 100)` looks like.

```
.text, #text, p{  
    color:rgb(105, 114, 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(105, 114, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 114, 100) }
```

Border

The CSS property to change the border of an element to XYZ 14.1433, 15.9580, 14.3914 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(105, 114, 100) }
```


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

```
.border{ border-color:rgb(105, 114, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 114, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 114, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 114, 100);  
box-shadow:4px 4px 4px 4px rgb(105, 114,  
100) }
```

Background

The CSS property to change the background color of an element to XYZ 14.1433, 15.9580, 14.3914 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 114, 100) }
```

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

```
.background{ background-color: rgb(105,  
114, 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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