

Converting Colors

XYZ(14.6638, 14.1512, 13.2436)

Have a look what the booklet for
XYZ(14.6638, 14.1512, 13.2436)
contains.

XYZ(14.6965, 14.2354, 13.2824)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(14.6965, 14.2354,
13.2824)**

Conversions

Conversions Part 1

Format	Color
Hex	796561
RGB	121, 101, 97
RGB Percent	47%, 40%, 38%
CMY	0.5255, 0.6039, 0.6196
CMYK	0.00, 0.17, 0.20, 0.53
HSL	10°, 11%, 43%
HSV	10°, 20%, 47%
XYZ	14.6965, 14.2354, 13.2824
YIQ	106.5240, 13.2040, 2.9960

Conversions

Conversions Part 2

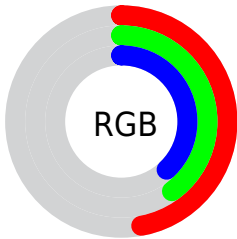
Format	Color
RYB	121, 102, 97
Decimal	7955809
CIELab	44.57, 7.29, 5.24
CIELCh	45, 8.981, 35.682
Yxy	14.2354, 0.3481, 0.3372
Android (android.graphics.Color)	4286145889 (0xFF796561)
YUV	106.5240, -4.6953, 12.6955
Hunter-Lab	37.7298, 3.5020, 5.5384

Details

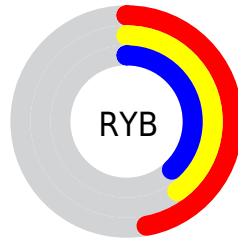
The XYZ color **14.6965, 14.2354, 13.2824** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.7421, 16.6440, 20.5248**, and the grayscale version is **13.8539, 14.5754, 15.8726**.

A 20% lighter version of the original color is **34.0291, 33.5933, 32.7076**, and **4.5892, 4.2551, 3.7114** is the 20% darker color. If you saturate the color by 10%, you get **13.2553, 12.1880, 10.2276**, and if you desaturate by 10%, it is **16.3447, 16.5588, 16.8312**.

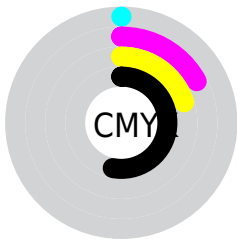
Distribution



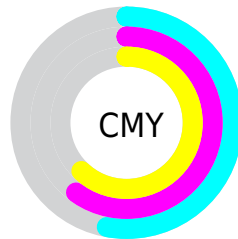
- Red (47%)
- Green (40%)
- Blue (38%)



- Red (47%)
- Yellow (40%)
- Blue (38%)



- Cyan (0%)
- Magenta (17%)
- Yellow (20%)
- Black (53%)



- Cyan (53%)
- Magenta (60%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.6965, 14.2354, 13.2824 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 14.6965, 14.2354, 13.2824 by changing the saturation by 10% instead.

■ 14.6965, 14.2354,
13.2824

■ 14.6965, 14.2354,
13.2824

214.9468,
218.6904, 223.9907

■ 8.6916, 8.2846,
7.4903

■ 33.8959, 33.5061,
32.5088

■ 4.5961, 4.2776,
3.6875

■ 47.8211, 47.5948,
46.7802

■ 2.0446, 1.8300,
1.4555

■ 65.1171, 65.1649,
64.7150

■ 0.6588, 0.5058,
0.1845

■ 86.1493, 86.6008,
86.7319

■ 0.0000, 0.0000,
0.0000

111.2830,
112.2869, 113.2494

140.8836,

142.6076, 144.6860

175.3164,
177.9473, 181.4602

■ 14.6965, 14.2354,
13.2824

■ 14.6965, 14.2354,
13.2824

■ 13.2553, 12.1880,
10.2276

■ 16.3447, 16.5588,
16.8312

■ 12.0117, 10.4043,
7.6439

■ 18.2064, 19.1658,
20.8936

■ 10.9573, 8.8743,
5.5081

■ 20.2895, 22.0664,
25.4893

■ 10.0826, 7.5863,
3.7946

■ 22.6008, 25.2694,
30.6367

■ 9.3774, 6.5277,
2.4752

■ 25.1471, 28.7830,
36.3533

■ 8.8304, 5.6848,
1.5180

■ 27.9348, 32.6155,
42.6557

■ 8.4286, 5.0426,
0.8866

■ 30.9701, 36.7746,
49.5600

■ 8.1426, 4.5780,
0.4603

■ 34.2588, 41.2678,
57.0817

■ 8.1385, 4.5716,
0.4535

■ 37.8067, 46.1024,
65.2355

Harmonies

Analogous

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



14.9679, 14.2354, 15.1073



14.6965, 14.2354, 13.2824



14.1135, 14.2354, 12.1339

Triad

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



14.6965, 14.2354, 13.2824



12.2973, 14.2354, 13.9108



13.6690, 14.2354, 19.8295

Complementary

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



14.6965, 14.2354, 13.2824



14.7421, 16.6440, 20.5248

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.



12.9634, 14.2354, 19.4372



14.6965, 14.2354, 13.2824



12.1879, 14.2354, 15.8993

Square

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



14.6965, 14.2354, 13.2824



12.7321, 14.2354, 12.4733



12.4275, 14.2354, 17.9515



14.3612, 14.2354, 18.9804

Rectangle

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



14.6965, 14.2354, 13.2824



13.6357, 14.2354, 11.8445



12.4275, 14.2354, 17.9515



13.4255, 14.2354, 19.8393

Sweetspot

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



14.6969, 14.2360, 13.2827



30.4519, 31.3122, 32.7113



15.3709, 13.8989, 18.7023



6.9266, 7.1088, 7.4005



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

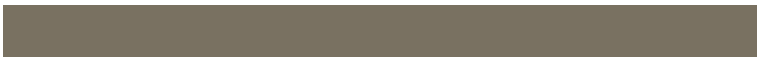
The Same Dimension uses a secret algorithm to generate beautiful new colors.



14.6969, 14.2360, 13.2827



25.0428, 23.6849, 21.0707



15.9481, 16.7384, 13.6998



4.0474, 4.1132, 4.2051



8.7154, 4.8866, 0.4839



41.1396, 22.4427, 2.1636

Inverse Universe

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



14.7421, 16.6440, 20.5248



25.1388, 28.8588, 36.6383



13.4327, 14.0252, 20.0884



4.0529, 4.4041, 5.0796



8.6600, 11.4025, 21.1298



40.7748, 53.3222, 100.6129

Previews

White Background



This preview shows how the XYZ color 14.6965, 14.2354, 13.2824 looks on a white background.

Color Contrast Check

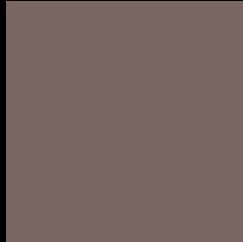
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.6965, 14.2354, 13.2824 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 14.6965, 14.2354, 13.2824

Background



This preview shows how black text looks on a background with the XYZ color 14.6965, 14.2354, 13.2824.



This preview shows how white text looks on a background with the XYZ color 14.6965, 14.2354,

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

14.6965, 14.2354, 13.2824

Protanopia

13.6104, 14.2552, 13.8386

Deuteranopia

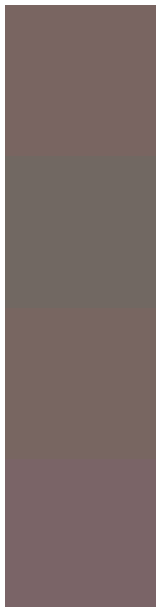
14.5168, 14.2877, 13.3020



Tritanopia

15.1417, 14.1228, 15.8378

Trichromacy



Original Color

14.6965, 14.2354, 13.2824

Protanomaly

13.9650, 14.2932, 13.5781

Deuteranomaly

14.6548, 14.3589, 13.3084

Tritanomaly

15.0314, 14.2312, 14.7866

Monochromacy



Original Color

14.6965, 14.2354, 13.2824

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

14.1818, 14.5272, 14.8885

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.6965, 14.2354, 13.2824 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(121, 101, 97)` looks like.

```
.text, #text, p{  
    color:rgb(121, 101, 97)  
}
```

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(121, 101, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 101, 97) }
```

Border

The CSS property to change the border of an element to XYZ 14.6965, 14.2354, 13.2824 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(121, 101, 97) }
```


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

```
.border{ border-color:rgb(121, 101, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 101, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 101, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 101, 97);  
box-shadow:4px 4px 4px 4px rgb(121, 101,  
97) }
```

Background

The CSS property to change the background color of an element to XYZ 14.6965, 14.2354, 13.2824 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 101, 97) }
```

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

```
.background{ background-color: rgb(121,  
101, 97) }
```

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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