

Converting Colors

XYZ(14.0558, 13.6166, 13.6951)

Have a look what the booklet for
XYZ(14.0558, 13.6166, 13.6951)
contains.

XYZ(14.0501, 13.6064, 13.6902)	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(14.0501, 13.6064,
13.6902)**

Conversions

Conversions Part 1

Format	Color
Hex	756363
RGB	117, 99, 99
RGB Percent	46%, 39%, 39%
CMY	0.5412, 0.6118, 0.6118
CMYK	0.00, 0.15, 0.15, 0.54
HSL	0°, 8%, 42%
HSV	0°, 15%, 46%
XYZ	14.0501, 13.6064, 13.6902
YIQ	104.3820, 10.7280, 3.8160

Conversions

Conversions Part 2

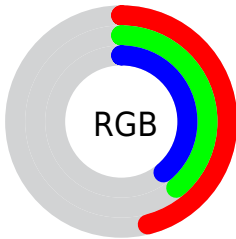
Format	Color
R_{YB}	117, 99, 99
Decimal	7693155
CIE Lab	43.66, 7.20, 2.67
CIE LCh	44, 7.684, 20.351
Yxy	13.6064, 0.3398, 0.3291
Android (android.graphics.Color)	4285883235 (0xFF756363)
YUV	104.3820, -2.6533, 11.0660
Hunter-Lab	36.8869, 3.4382, 3.8159

Details

The XYZ color **14.0501, 13.6064, 13.6902** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.7178, 16.6594, 19.2697**, and the grayscale version is **13.2657, 13.9566, 15.1987**.

A 20% lighter version of the original color is **32.7736, 32.4497, 33.3902**, and **4.2545, 3.9420, 3.9048** is the 20% darker color. If you saturate the color by 10%, you get **12.5017, 11.3407, 10.6115**, and if you desaturate by 10%, it is **15.8409, 16.2269, 17.2500**.

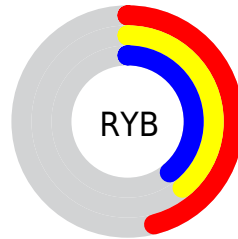
Distribution



Red (46%)

Green (39%)

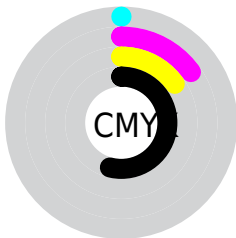
Blue (39%)



Red (46%)

Yellow (39%)

Blue (39%)

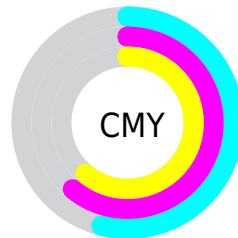


Cyan (0%)

Magenta (15%)

Yellow (15%)

Black (54%)



Cyan (54%)

Magenta (61%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.0501, 13.6064, 13.6902 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 14.0501, 13.6064, 13.6902 by changing the saturation by 10% instead.

■ 14.0501, 13.6064,
13.6902

■ 14.0501, 13.6064,
13.6902

211.0467,
214.7683, 226.6560

■ 8.2375, 7.8474,
7.7692

■ 32.7634, 32.3890,
33.2475

■ 4.3003, 3.9975,
3.8620

■ 46.3948, 46.1814,
47.7209

■ 1.8734, 1.6721,
1.5499

■ 63.3631, 63.4204,
65.8822

■ 0.5613, 0.4055,
0.2547

■ 84.0338, 84.4904,
88.1499

■ 0.0000, 0.0000,
0.0000

108.7721,
109.7758, 114.9426

137.9435,

139.6610, 146.6788

171.9132,
174.5304, 183.7771

■ 14.0501, 13.6064,
13.6902

■ 14.0501, 13.6064,
13.6902

■ 12.5017, 11.3407,
10.6115

■ 15.8409, 16.2269,
17.2500

■ 11.1842, 9.4128,
7.9923

■ 17.8828, 19.2147,
21.3092

■ 10.0869, 7.8072,
5.8110

■ 20.1852, 22.5837,
25.8865

■ 9.1978, 6.5062,
4.0436

■ 22.7569, 26.3468,
30.9991

■ 8.5038, 5.4906,
2.6640

■ 25.6062, 30.5160,
36.6637

■ 7.9902, 4.7391,
1.6431

■ 28.7411, 35.1031,
42.8961

■ 7.6403, 4.2271,
0.9477

■ 32.1692, 40.1193,
49.7113

■ 7.4245, 3.9113,
0.5187

■ 35.8978, 45.5752,
57.1242

■ 7.3363, 3.7822,
0.3434

■ 39.9341, 51.4813,
65.1487

Harmonies

Analogous

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



14.1093, 13.6064, 15.3785



14.0501, 13.6064, 13.6902



13.6864, 13.6064, 12.4030

Triad

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



14.0501, 13.6064, 13.6902



12.0603, 13.6064, 12.7960



12.7391, 13.6064, 18.3350

Complementary

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



14.0501, 13.6064, 13.6902



14.7178, 16.6594, 19.2697

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.



12.2068, 13.6064, 17.5212



14.0501, 13.6064, 13.6902



11.8230, 13.6064, 14.2655

Square

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



14.0501, 13.6064, 13.6902



12.5335, 13.6064, 11.9152



11.8757, 13.6064, 15.9999



13.3398, 13.6064, 18.1509

Rectangle

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



14.0501, 13.6064, 13.6902



13.3262, 13.6064, 11.9032



11.8757, 13.6064, 15.9999



12.5466, 13.6064, 18.1669

Sweetspot

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



14.0505, 13.6070, 13.6905



28.4538, 29.1856, 31.0635



15.0091, 13.9902, 18.7391



6.4987, 6.6469, 7.0560



57.3938, 60.3827, 65.7568



6.9614, 7.3239, 7.9757

Same Dimension

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



14.0505, 13.6070, 13.6905



24.2603, 23.0494, 22.7268



14.9510, 15.4081, 13.9907



3.6840, 3.7009, 3.8625



8.0829, 4.1671, 0.3783



39.3888, 20.3060, 1.8434

Inverse Universe

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



14.7178, 16.6594, 19.2697



25.6653, 29.4762, 34.4738



13.7193, 14.6624, 18.9369



3.7833, 4.1552, 4.6929



10.5450, 15.4297, 20.9650



51.3867, 75.1900, 102.1650

Previews

White Background



This preview shows how the XYZ color 14.0501, 13.6064, 13.6902 looks on a white background.

Color Contrast Check

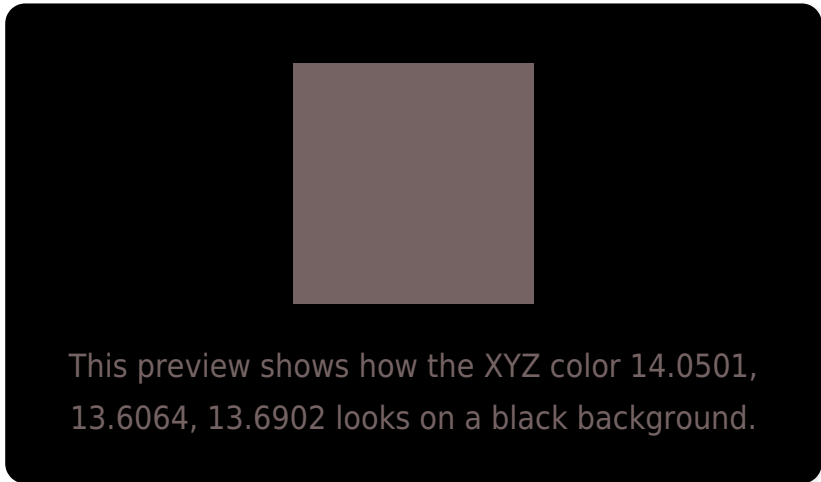
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

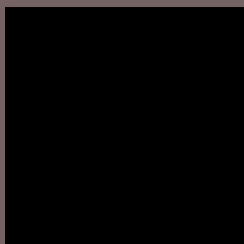
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.0501, 13.6064, 13.6902

Background



This preview shows how black text looks on a background with the XYZ color 14.0501, 13.6064, 13.6902.

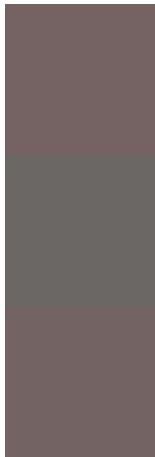


This preview shows how white text looks on a background with the XYZ color 14.0501, 13.6064,

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

14.0501, 13.6064, 13.6902

Protanopia

13.1431, 13.7043, 14.2644

Deuteranopia

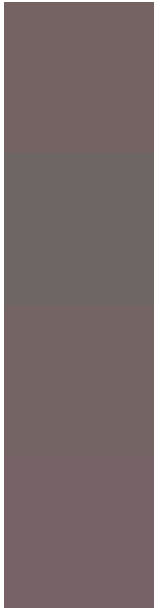
13.8795, 13.6600, 13.7095



Tritanopia

14.4404, 13.6275, 15.5050

Trichromacy



Original Color

14.0501, 13.6064, 13.6902

Protanomaly

13.4820, 13.7378, 13.9977

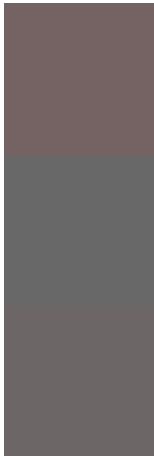
Deuteranomaly

14.0118, 13.7282, 13.7157

Tritanomaly

14.2871, 13.5662, 14.6975

Monochromacy



Original Color

14.0501, 13.6064, 13.6902

Achromatopsia

13.1579, 13.8432, 15.0752

Achromatomaly

13.4563, 13.7133, 14.5081

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.0501, 13.6064, 13.6902 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(117, 99, 99)` looks like.

```
.text, #text, p{  
    color:rgb(117, 99, 99)  
}
```

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(117, 99, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 99, 99) }
```

Border

The CSS property to change the border of an element to XYZ 14.0501, 13.6064, 13.6902 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(117, 99, 99) }
```


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

```
.border{ border-color:rgb(117, 99, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 99, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 99, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 99, 99);  
box-shadow:4px 4px 4px 4px rgb(117, 99,  
99) }
```

Background

The CSS property to change the background color of an element to XYZ 14.0501, 13.6064, 13.6902 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 99, 99) }
```

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

```
.background{ background-color: rgb(117, 99,  
99) }
```

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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