

Converting Colors

XYZ(14.6188, 14.1692, 15.1436)

Have a look what the booklet for
XYZ(14.6188, 14.1692, 15.1436)
contains.

XYZ(14.6236, 14.1584, 15.0588)	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(14.6236, 14.1584,
15.0588)**

Conversions

Conversions Part 1

Format	Color
Hex	766568
RGB	118, 101, 104
RGB Percent	46%, 40%, 41%
CMY	0.5373, 0.6039, 0.5922
CMYK	0.00, 0.14, 0.12, 0.54
HSL	349°, 8%, 43%
HSV	349°, 14%, 46%
XYZ	14.6236, 14.1584, 15.0588
YIQ	106.4250, 9.1690, 4.5370

Conversions

Conversions Part 2

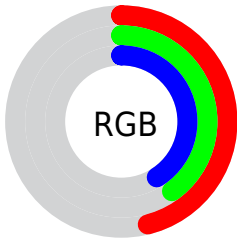
Format	Color
R _Y B	118, 101, 104
Decimal	7759208
CIE Lab	44.46, 7.32, 0.81
CIE LCh	44, 7.367, 6.325
Yxy	14.1584, 0.3336, 0.3230
Android (android.graphics.Color)	4285949288 (0xFF766568)
YUV	106.4250, -1.1955, 10.1513
Hunter-Lab	37.6276, 3.5238, 2.6112

Details

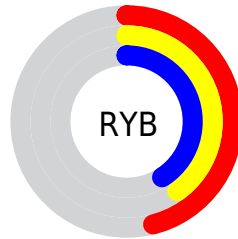
The XYZ color **14.6236, 14.1584, 15.0588** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.9403, 16.9618, 18.7070**, and the grayscale version is **13.8181, 14.5377, 15.8315**.

A 20% lighter version of the original color is **33.7222, 33.3691, 35.6739**, and **4.5835, 4.2358, 4.4469** is the 20% darker color. If you saturate the color by 10%, you get **13.0936, 11.8434, 12.2520**, and if you desaturate by 10%, it is **16.3758, 16.8265, 18.2208**.

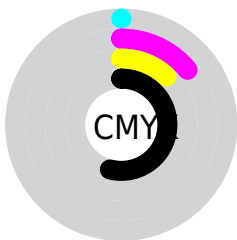
Distribution



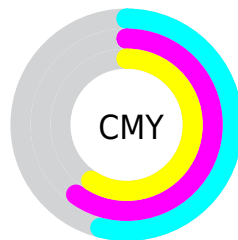
- Red (46%)
- Green (40%)
- Blue (41%)



- Red (46%)
- Yellow (40%)
- Blue (41%)



- Cyan (0%)
- Magenta (14%)
- Yellow (12%)
- Black (54%)



- Cyan (54%)
- Magenta (60%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.6236, 14.1584, 15.0588 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 14.6236, 14.1584, 15.0588 by changing the saturation by 10% instead.

■ 14.6236, 14.1584,
15.0588

■ 14.6236, 14.1584,
15.0588

214.5104,
218.2140, 235.3749

■ 8.6402, 8.2309,
8.7136

■ 33.7686, 33.3698,
35.7001

■ 4.5625, 4.2431,
4.4606

■ 47.6610, 47.4225,
50.8332

■ 2.0250, 1.8104,
1.8813

■ 64.9203, 64.9525,
69.7327

■ 0.6480, 0.4937,
0.4808

■ 85.9121, 86.3440,
92.8171

■ 0.0000, 0.0000,
0.0000

111.0017,
111.9815, 120.5050

140.5543,

142.2495, 153.2149

174.9354,
177.5322, 191.3653

■ 14.6236, 14.1584,
15.0588

■ 14.6236, 14.1584,
15.0588

■ 13.0936, 11.8434,
12.2520

■ 16.3758, 16.8265,
18.2208

■ 11.7758, 9.8649,
9.7870

■ 18.3575, 19.8596,
21.7489

■ 10.6610, 8.2076,
7.6510

■ 20.5769, 23.2715,
25.6548

■ 9.7391, 6.8547,
5.8298

■ 23.0417, 27.0747,
29.9491

■ 8.9987, 5.7875,
4.3085

■ 25.7591, 31.2809,
34.6423

■ 8.4277, 4.9852,
3.0706

■ 28.7360, 35.9017,
39.7444

■ 8.0121, 4.4246,
2.0982

■ 31.9791, 40.9479,
45.2649

■ 7.7322, 4.0706,
1.3701

■ 35.4949, 46.4300,
51.2131

■ 7.6049, 3.9050,
1.0532

■ 39.2894, 52.3583,
57.5981

Harmonies

Analogous

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



14.5296, 14.1584, 16.7661



14.6236, 14.1584, 15.0588



14.3977, 14.1584, 13.5599

Triad

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



14.6236, 14.1584, 15.0588



12.7924, 14.1584, 12.9299



13.0041, 14.1584, 18.6074

Complementary

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



14.6236, 14.1584, 15.0588



14.9403, 16.9618, 18.7070

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.



12.5585, 14.1584, 17.4344



14.6236, 14.1584, 15.0588



12.4388, 14.1584, 14.1406

Square

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



14.6236, 14.1584, 15.0588



13.3318, 14.1584, 12.3904



12.3544, 14.1584, 15.7790



13.5833, 14.1584, 18.8982

Rectangle

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



14.6236, 14.1584, 15.0588



14.0999, 14.1584, 12.8529



12.3544, 14.1584, 15.7790



12.8342, 14.1584, 18.2992

Sweetspot

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



14.6240, 14.1590, 15.0591



28.8940, 29.7393, 32.2175



14.9791, 14.2530, 19.1013



6.5958, 6.7652, 7.3225



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.



14.6240, 14.1590, 15.0591



24.8609, 23.6029, 24.9239



15.0143, 15.1790, 14.4512



3.7079, 3.7104, 3.9886



8.2237, 4.2232, 1.1201



39.8445, 20.4879, 4.2446

Inverse Universe

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



14.6240, 14.1590, 15.0591



24.8609, 23.6029, 24.9239



14.4998, 15.8001, 19.4252



3.7079, 3.7104, 3.9886



8.2237, 4.2232, 1.1201



39.8445, 20.4879, 4.2446

Previews

White Background



This preview shows how the XYZ color 14.6236, 14.1584, 15.0588 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 14.6236, 14.1584, 15.0588 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

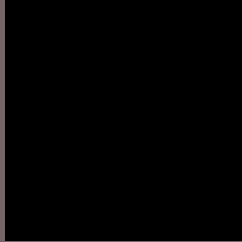
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.6236, 14.1584, 15.0588

Background



This preview shows how black text looks on a background with the XYZ color 14.6236, 14.1584, 15.0588.



This preview shows how white text looks on a background with the XYZ color 14.6236, 14.1584,

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

14.6236, 14.1584, 15.0588

Protanopia

13.7165, 14.2696, 15.6670

Deuteranopia

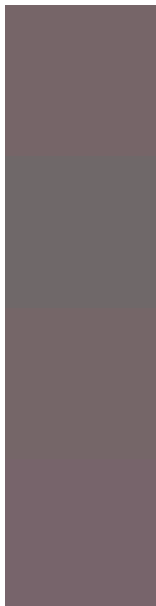
14.4525, 14.2152, 15.0788



Tritanopia

14.8717, 14.1190, 16.1288

Trichromacy



Original Color

14.6236, 14.1584, 15.0588

Protanomaly

14.0557, 14.3001, 15.3840

Deuteranomaly

14.5862, 14.2841, 15.0850

Tritanomaly

14.8188, 14.0978, 15.8500

Monochromacy



Original Color

14.6236, 14.1584, 15.0588

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

13.9305, 14.2355, 15.3781

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.6236, 14.1584, 15.0588 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(118, 101, 104)` looks like.

```
.text, #text, p{  
    color:rgb(118, 101, 104)  
}
```

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(118, 101, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 101, 104) }
```

Border

The CSS property to change the border of an element to XYZ 14.6236, 14.1584, 15.0588 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(118, 101, 104) }
```


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

```
.border{ border-color:rgb(118, 101, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 101, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 101, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 101, 104);  
box-shadow:4px 4px 4px 4px rgb(118, 101,  
104) }
```

Background

The CSS property to change the background color of an element to XYZ 14.6236, 14.1584, 15.0588 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 101, 104) }
```

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

```
.background{ background-color: rgb(118,  
101, 104) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor