

Converting Colors

XYZ(14.7732, 15.2310, 17.7812)

Have a look what the booklet for
XYZ(14.7732, 15.2310, 17.7812)
contains.

XYZ(14.7736, 15.2324, 17.7843)	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(14.7736, 15.2324,
17.7843)**

Conversions

Conversions Part 1

Format	Color
Hex	6E6C71
RGB	110, 108, 113
RGB Percent	43%, 42%, 44%
CMY	0.5686, 0.5765, 0.5569
CMYK	0.03, 0.04, 0.00, 0.56
HSL	264°, 2%, 43%
HSV	264°, 4%, 44%
XYZ	14.7736, 15.2324, 17.7843
YIQ	109.1680, -0.4130, 1.9790

Conversions

Conversions Part 2

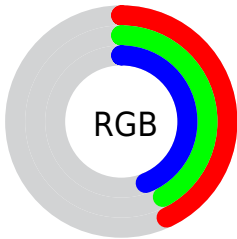
Format	Color
R_{YB}	110, 108, 113
Decimal	7236721
CIE Lab	45.95, 1.81, -2.51
CIE LCh	46, 3.095, 305.686
Yxy	15.2324, 0.3091, 0.3187
Android (android.graphics.Color)	4285426801 (0xFF6E6C71)
YUV	109.1680, 1.8892, 0.7297
Hunter-Lab	39.0287, -0.7323, 0.3033

Details

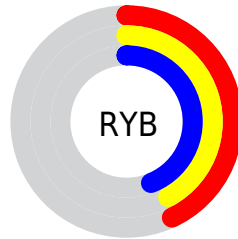
The XYZ color **14.7736, 15.2324, 17.7843** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.1681, 16.2729, 16.5297**, and the grayscale version is **14.5788, 15.3380, 16.7031**.

A 20% lighter version of the original color is **34.0900, 35.1943, 40.5937**, and **4.6095, 4.7433, 5.6736** is the 20% darker color. If you saturate the color by 10%, you get **12.8464, 12.5833, 17.3748**, and if you desaturate by 10%, it is **16.9208, 18.2251, 18.2490**.

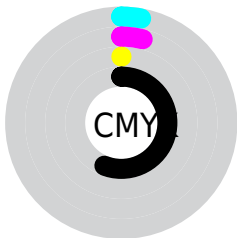
Distribution



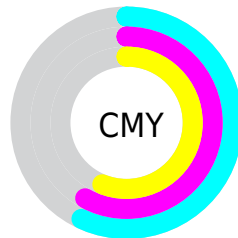
- Red (43%)
- Green (42%)
- Blue (44%)



- Red (43%)
- Yellow (42%)
- Blue (44%)



- Cyan (3%)
- Magenta (4%)
- Yellow (0%)
- Black (56%)



- Cyan (57%)
- Magenta (58%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.7736, 15.2324, 17.7843 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 14.7736, 15.2324, 17.7843 by changing the saturation by 10% instead.

■ 14.7736, 15.2324,
17.7843

■ 14.7736, 15.2324,
17.7843

215.4074,
224.7686, 251.8476

■ 8.7459, 8.9827,
10.6274

■ 34.0304, 35.2604,
40.4784

■ 4.6316, 4.7299,
5.7059

■ 47.9903, 49.8074,
56.8527

■ 2.0653, 2.0897,
2.6012

■ 65.3250, 67.8889,
77.1365

■ 0.6702, 0.6588,
0.8931

■ 86.3998, 89.8894,
101.7484

■ 0.0000, 0.0000,
0.0000

111.5801,
116.1932, 131.1069

141.2312,

147.1848, 165.6306

175.7185,
183.2484, 205.7380

■ 14.7736, 15.2324,
17.7843

■ 14.7736, 15.2324,
17.7843

■ 12.8464, 12.5833,
17.3748

■ 16.9208, 18.2251,
18.2490

■ 11.1306, 10.2633,
17.0174

■ 19.2936, 21.5714,
18.7698

■ 9.6188, 8.2597,
16.7104

■ 21.8991, 25.2831,
19.3490

■ 8.3028, 6.5584,
16.4513

■ 24.7438, 29.3711,
19.9881

■ 7.1737, 5.1440,
16.2378

■ 27.8336, 33.8456,
20.6889

6.2219, 3.9998,
16.0671

31.1746, 38.7167,
21.4530

5.4368, 3.1071,
15.9362

34.7723, 43.9938,
22.2820

4.8066, 2.4452,
15.8417

38.6323, 49.6863,
23.1773

4.3133, 1.9808,
15.7780

42.7600, 55.8030,
24.1404

Harmonies

Analogous

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



14.5279, 15.2324, 18.0619



14.7736, 15.2324, 17.7843



14.9416, 15.2324, 17.1862

Triad

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



14.7736, 15.2324, 17.7843



14.6862, 15.2324, 15.3060



13.9828, 15.2324, 16.7288

Complementary

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



14.7736, 15.2324, 17.7843



15.1681, 16.2729, 16.5297

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.



14.0240, 15.2324, 15.9989



14.7736, 15.2324, 17.7843



14.4281, 15.2324, 15.1918

Square

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



14.7736, 15.2324, 17.7843



14.8907, 15.2324, 15.7586



14.1862, 15.2324, 15.4418



14.0729, 15.2324, 17.4408

Rectangle

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



14.7736, 15.2324, 17.7843



14.9858, 15.2324, 16.6942



14.1862, 15.2324, 15.4418



13.9817, 15.2324, 16.4773

Sweetspot

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



14.7740, 15.2331, 17.7846



27.7161, 29.0269, 32.1175



14.8591, 15.7680, 17.8834



6.4169, 6.7229, 7.4292



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.



14.7740, 15.2331, 17.7846



26.1971, 26.9199, 31.7908



15.0789, 15.3902, 17.7989



3.5029, 3.5950, 4.2635



4.5955, 1.9785, 17.8613



21.9736, 9.3822, 88.9319

Inverse Universe

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



15.0425, 15.3843, 17.2165



26.7532, 27.2333, 30.6120



14.8680, 16.1182, 16.5157



3.5812, 3.6391, 4.0973



8.8929, 4.4495, 6.5117



43.8650, 21.9913, 30.1509

Previews

White Background



This preview shows how the XYZ color 14.7736, 15.2324, 17.7843 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 14.7736, 15.2324, 17.7843 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

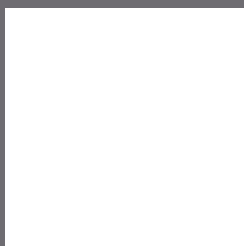
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.7736, 15.2324, 17.7843

Background



This preview shows how black text looks on a background with the XYZ color 14.7736, 15.2324, 17.7843.



This preview shows how white text looks on a background with the XYZ color 14.7736, 15.2324,

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

14.7736, 15.2324, 17.7843

Protanopia

14.6499, 15.1686, 17.7785

Deuteranopia

15.4708, 15.2822, 17.7572



Tritanopia

14.9454, 15.3011, 18.6887

Trichromacy

**Original Color**

14.7736, 15.2324, 17.7843

Protanomaly

14.6499, 15.1686, 17.7785

Deuteranomaly

15.1778, 15.2851, 17.7731

Tritanomaly

14.8875, 15.2779, 18.3839

Monochromacy

**Original Color**

14.7736, 15.2324, 17.7843

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

14.5898, 15.3143, 16.9388

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.7736, 15.2324, 17.7843 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(110, 108, 113) looks like.

```
.text, #text, p{  
    color:rgb(110, 108, 113)  
}
```

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(110, 108, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 108, 113) }
```

Border

The CSS property to change the border of an element to XYZ 14.7736, 15.2324, 17.7843 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(110, 108, 113) }
```


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

```
.border{ border-color:rgb(110, 108, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 108, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 108, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 108, 113);  
box-shadow:4px 4px 4px 4px rgb(110, 108,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 14.7736, 15.2324, 17.7843 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 108, 113) }
```

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

```
.background{ background-color: rgb(110,  
108, 113) }
```

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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