

Converting Colors

XYZ(15.4954, 16.7461, 17.5336)

Have a look what the booklet for
XYZ(15.4954, 16.7461, 17.5336)
contains.

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Color

**XYZ(15.4304, 16.7242,
17.4537)**

Conversions

Conversions Part 1

Format	Color
Hex	6E736F
RGB	110, 115, 111
RGB Percent	43%, 45%, 44%
CMY	0.5686, 0.5490, 0.5647
CMYK	0.04, 0.00, 0.03, 0.55
HSL	132°, 2%, 44%
HSV	132°, 4%, 45%
XYZ	15.4304, 16.7242, 17.4537
YIQ	113.0490, -1.6960, -2.3040

Conversions

Conversions Part 2

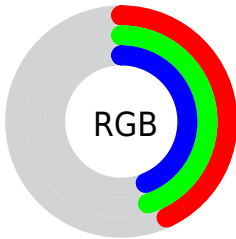
Format	Color
R_{YB}	110, 114, 115
Decimal	7238511
CIE Lab	47.91, -2.72, 1.55
CIE LCh	48, 3.125, 150.334
Yxy	16.7242, 0.3110, 0.3371
Android (android.graphics.Color)	4285428591 (0xFF6E736F)
YUV	113.0490, -1.0102, -2.6740
Hunter-Lab	40.8952, -4.2159, 3.3222

Details

The XYZ color **15.4304, 16.7242, 17.4537** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.6841, 16.0121, 18.1845**, and the grayscale version is **15.7142, 16.5326, 18.0040**.

A 20% lighter version of the original color is **35.3299, 37.9632, 40.1159**, and **4.8910, 5.3973, 5.4866** is the 20% darker color. If you saturate the color by 10%, you get **13.6106, 15.8421, 14.8587**, and if you desaturate by 10%, it is **17.4891, 17.7244, 20.3331**.

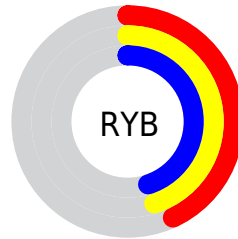
Distribution



Red (43%)

Green (45%)

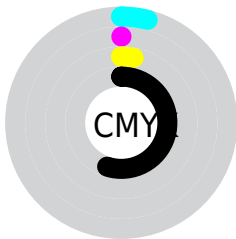
Blue (44%)



Red (43%)

Yellow (45%)

Blue (45%)

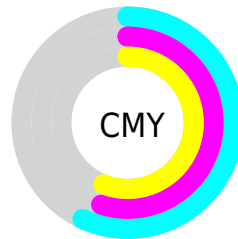


Cyan (4%)

Magenta (0%)

Yellow (3%)

Black (55%)



Cyan (57%)

Magenta (55%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.4304, 16.7242, 17.4537 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 15.4304, 16.7242, 17.4537 by changing the saturation by 10% instead.

■ 15.4304, 16.7242,
17.4537

■ 15.4304, 16.7242,
17.4537

219.2938,
233.5780, 249.9054

■ 9.2103, 10.0380,
10.3931

■ 35.1720, 37.8510,
39.9055

■ 4.9368, 5.4242,
5.5514

■ 49.4241, 53.0604,
56.1338

■ 2.2446, 2.4982,
2.5099

■ 67.0844, 71.8797,
76.2551

■ 0.7661, 0.8758,
0.8454

■ 88.5180, 94.6932,
100.6879

■ 0.0000, 0.0000,
0.0000

114.0904,
121.8854, 129.8508

144.1670,

153.8407, 164.1623

179.1130,
190.9434, 204.0410

■ 15.4304, 16.7242,
17.4537

■ 15.4304, 16.7242,
17.4537

■ 13.6106, 15.8421,
14.8587

■ 17.4891, 17.7244,
20.3331

■ 12.0196, 15.0716,
12.5383

■ 19.7935, 18.8446,
23.5040

■ 10.6487, 14.4089,
10.4840

■ 22.3519, 20.0893,
26.9747

■ 9.4880, 13.8492,
8.6861

■ 25.1718, 21.4623,
30.7528

■ 8.5270, 13.3871,
7.1345

■ 28.2603, 22.9671,
34.8457

■ 7.7542, 13.0170,
5.8185

■ 31.6243, 24.6071,
39.2603

■ 7.1568, 12.7326,
4.7266

■ 35.2705, 26.3855,
44.0037

■ 6.7206, 12.5268,
3.8461

■ 39.2052, 28.3056,
49.0823

■ 6.4243, 12.3888,
3.1630

■ 43.4347, 30.3704,
54.5027

Harmonies

Analogous

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



15.6242, 16.7242, 16.9051



15.4304, 16.7242, 17.4537



15.3610, 16.7242, 18.2188

Triad

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



15.4304, 16.7242, 17.4537



15.8990, 16.7242, 19.8035



16.3674, 16.7242, 17.4385

Complementary

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



15.4304, 16.7242, 17.4537



15.6841, 16.0121, 18.1845

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.



16.4430, 16.7242, 18.2008



15.4304, 16.7242, 17.4537



16.1706, 16.7242, 19.5800

Square

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



15.4304, 16.7242, 17.4537



15.6296, 16.7242, 19.5895



16.3706, 16.7242, 18.9874



16.1651, 16.7242, 16.8965

Rectangle

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



15.4304, 16.7242, 17.4537



15.3940, 16.7242, 18.7535



16.3706, 16.7242, 18.9874



16.4085, 16.7242, 17.6767

Sweetspot

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



15.4309, 16.7249, 17.4541



28.8073, 30.5188, 32.9094



15.8962, 16.9711, 17.1900



6.8791, 7.2840, 7.8604



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.



15.4309, 16.7249, 17.4541



27.3605, 29.8166, 30.8718



15.5659, 16.7789, 18.1650



3.8385, 4.1919, 4.3270



7.1785, 14.0854, 3.2302



34.7292, 68.5390, 14.4111

Inverse Universe

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



15.6841, 16.0121, 18.1845



27.8928, 28.3182, 32.4072



15.5482, 15.9577, 17.4690



3.9177, 3.9689, 4.5555



10.2843, 5.0474, 11.9711



49.8078, 24.4732, 56.7107

Previews

White Background



This preview shows how the XYZ color 15.4304, 16.7242, 17.4537 looks on a white background.

Color Contrast Check

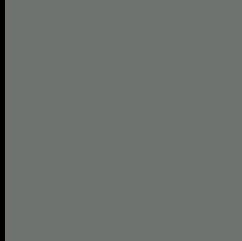
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.4304, 16.7242, 17.4537 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

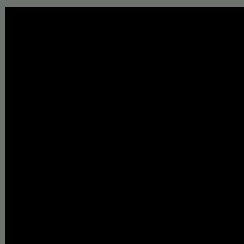
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

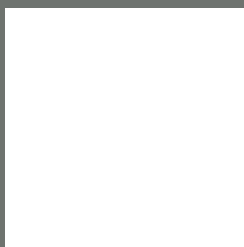
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.4304, 16.7242, 17.4537

Background



This preview shows how black text looks on a background with the XYZ color 15.4304, 16.7242, 17.4537.



This preview shows how white text looks on a background with the XYZ color 15.4304, 16.7242,

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

15.4304, 16.7242, 17.4537

Protanopia

15.9221, 16.6490, 17.1263

Deuteranopia

16.9580, 16.6817, 17.6553



Tritanopia

16.1001, 16.6601, 20.7795

Trichromacy



Original Color

15.4304, 16.7242, 17.4537

Protanomaly

15.7712, 16.7378, 17.1513

Deuteranomaly

16.4645, 16.7513, 17.6948

Tritanomaly

15.8429, 16.7221, 19.5322

Monochromacy



Original Color

15.4304, 16.7242, 17.4537

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

15.6240, 16.6492, 17.7194

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.4304, 16.7242, 17.4537 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, 115, 111)` looks like.

```
.text, #text, p{  
    color:rgb(110, 115, 111)  
}
```

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, 115, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 115, 111) }
```

Border

The CSS property to change the border of an element to XYZ 15.4304, 16.7242, 17.4537 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, 115, 111) }
```


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

```
.border{ border-color:rgb(110, 115, 111) }
```

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

Here you see how a box with a 4 pixel rgb(110, 115, 111) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 115, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 115, 111);  
box-shadow:4px 4px 4px 4px rgb(110, 115,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 15.4304, 16.7242, 17.4537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 115, 111) }
```

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

```
.background{ background-color: rgb(110,  
115, 111) }
```

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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