

Converting Colors

XYZ(15.4464, 16.8533, 7.1475)

Have a look what the booklet for
XYZ(15.4464, 16.8533, 7.1475)
contains.

XYZ(15.3720, 16.7535, 7.1262)	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(15.3720, 16.7535,
7.1262)**

Conversions

Conversions Part 1

Format	Color
Hex	7D723F
RGB	125, 114, 63
RGB Percent	49%, 45%, 25%
CMY	0.5098, 0.5529, 0.7529
CMYK	0.00, 0.09, 0.50, 0.51
HSL	49°, 33%, 37%
HSV	49°, 50%, 49%
XYZ	15.3720, 16.7535, 7.1262
YIQ	111.4750, 22.9270, -13.5290

Conversions

Conversions Part 2

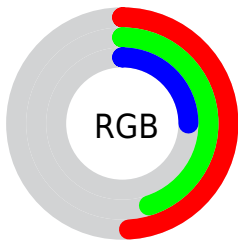
Format	Color
R_{YB}	76, 125, 63
Decimal	8221247
CIE Lab	47.95, -3.22, 29.66
CIE LCh	48, 29.831, 96.198
Yxy	16.7535, 0.3916, 0.4268
Android (android.graphics.Color)	4286411327 (0xFF7D723F)
YUV	111.4750, -23.8982, 11.8614
Hunter-Lab	40.9310, -4.5921, 18.3292

Details

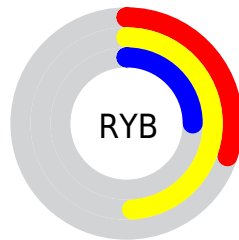
The XYZ color **15.3720, 16.7535, 7.1262** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **8.2003, 7.4348, 20.4049**, and the grayscale version is **15.3108, 16.1081, 17.5418**.

A 20% lighter version of the original color is **35.1513, 38.0260, 20.8163**, and **4.8734, 5.3927, 1.3144** is the 20% darker color. If you saturate the color by 10%, you get **14.8147, 16.1359, 5.4084**, and if you desaturate by 10%, it is **16.0155, 17.4166, 9.2646**.

Distribution



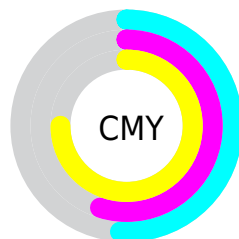
- Red (49%)
- Green (45%)
- Blue (25%)



- Red (30%)
- Yellow (49%)
- Blue (25%)



- Cyan (0%)
- Magenta (9%)
- Yellow (50%)
- Black (51%)



- Cyan (51%)
- Magenta (55%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.3720, 16.7535, 7.1262 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 15.3720, 16.7535, 7.1262 by changing the saturation by 10% instead.

■ 15.3720, 16.7535,
7.1262

■ 15.3720, 16.7535,
7.1262

■ 218.9509,
233.7478, 178.3788

■ 9.1689, 10.0589,
3.4615

■ 35.0708, 37.9015,
20.7438

■ 4.9095, 5.4380,
1.3348

■ 49.2972, 53.1236,
31.5338

■ 2.2285, 2.5065,
0.0901

■ 66.9287, 71.9571,
45.5360

■ 0.7577, 0.8799,
0.0000

■ 88.3308, 94.7863,
63.1690

■ 0.0000, 0.0000,
0.0000

■ 113.8686,
121.9955, 84.8512

■ 143.9077,

153.9693, 111.0012

178.8134,
191.0919, 142.0375

■ 15.3720, 16.7535,
7.1262

■ 15.3720, 16.7535,
7.1262

■ 14.8147, 16.1359,
5.4084

■ 16.0155, 17.4166,
9.2646

■ 14.3369, 15.5590,
4.0814

■ 16.7491, 18.1248,
11.8485

■ 13.9329, 15.0213,
3.1134

■ 17.5776, 18.8808,
14.9022

■ 13.5954, 14.5197,
2.4668

■ 18.5053, 19.6864,
18.4478

■ 13.3023, 14.0452,
2.0243

■ 19.5362, 20.5433,
22.5061

■ 13.2907, 14.0265,
2.0069

■ 20.6740, 21.4530,
27.0966

■ 21.9223, 22.4169,
32.2379

■ 23.2846, 23.4366,
37.9476

■ 24.7639, 24.5133,
44.2426

Harmonies

Analogous

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



18.1026, 16.7535, 7.7715



15.3720, 16.7535, 7.1262



13.0614, 16.7535, 8.7122

Triad

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



15.3720, 16.7535, 7.1262



12.1054, 16.7535, 28.4577



21.1378, 16.7535, 24.8934

Complementary

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



15.3720, 16.7535, 7.1262



8.2003, 7.4348, 20.4049

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.



19.1763, 16.7535, 32.9888



15.3720, 16.7535, 7.1262



13.9270, 16.7535, 35.4190

Square

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



15.3720, 16.7535, 7.1262



11.3171, 16.7535, 19.8875



16.4884, 16.7535, 37.2758



21.6363, 16.7535, 16.6893

Rectangle

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



15.3720, 16.7535, 7.1262



12.0024, 16.7535, 11.1822



16.4884, 16.7535, 37.2758



20.6177, 16.7535, 27.7808

Sweetspot

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



15.3724, 16.7543, 7.1265



32.1587, 34.4110, 29.2660



11.4835, 8.4146, 7.5627



7.2511, 7.7714, 6.4142



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



15.3724, 16.7543, 7.1265



26.3605, 28.6986, 9.1937



14.0998, 18.0517, 7.4440



4.6025, 4.8938, 4.6221



13.8670, 14.6303, 2.0931



0.0000, 0.0000, 0.0000

Inverse Universe

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



8.2003, 7.4348, 20.4049



11.8937, 9.9177, 36.0318



9.0144, 6.8583, 20.2507



4.1658, 4.3256, 5.4286



4.1622, 2.1430, 20.4442



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 15.3720, 16.7535, 7.1262 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 15.3720, 16.7535, 7.1262 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 15.3720, 16.7535, 7.1262

Background



This preview shows how black text looks on a background with the XYZ color 15.3720, 16.7535, 7.1262.



This preview shows how white text looks on a background with the XYZ color 15.3720, 16.7535,

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

15.3720, 16.7535, 7.1262

Protanopia

15.3720, 16.7535, 7.1262

Deuteranopia

17.0415, 16.7964, 7.1943



Tritanopia

17.7209, 16.7319, 18.8186

Trichromacy



Original Color

15.3720, 16.7535, 7.1262

Protanomaly

15.3720, 16.7535, 7.1262

Deuteranomaly

16.4414, 16.8074, 7.2281

Tritanomaly

16.6357, 16.6041, 13.6374

Monochromacy



Original Color

15.3720, 16.7535, 7.1262

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

15.0170, 16.1095, 12.9076

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.3720, 16.7535, 7.1262 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(125, 114, 63)` looks like.

```
.text, #text, p{  
    color:rgb(125, 114, 63)  
}
```

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(125, 114, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 114, 63) }
```

Border

The CSS property to change the border of an element to XYZ 15.3720, 16.7535, 7.1262 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(125, 114, 63) }
```


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

```
.border{ border-color:rgb(125, 114, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 114, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 114, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 114, 63);  
box-shadow:4px 4px 4px 4px rgb(125, 114,  
63) }
```

Background

The CSS property to change the background color of an element to XYZ 15.3720, 16.7535, 7.1262 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 114, 63) }
```

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

```
.background{ background-color: rgb(125,  
114, 63) }
```

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