

Converting Colors

XYZ(15.0234, 17.5941, 7.1456)

Have a look what the booklet for
XYZ(15.0234, 17.5941, 7.1456)
contains.

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Color

**XYZ(15.0572, 17.6323,
7.1672)**

Conversions

Conversions Part 1

Format	Color
Hex	76783E
RGB	118, 120, 62
RGB Percent	46%, 47%, 24%
CMY	0.5373, 0.5294, 0.7569
CMYK	0.02, 0.00, 0.48, 0.53
HSL	62°, 32%, 36%
HSV	62°, 48%, 47%
XYZ	15.0572, 17.6323, 7.1672
YIQ	112.7900, 17.4260, -18.4620

Conversions

Conversions Part 2

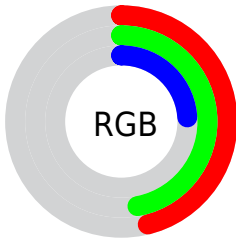
Format	Color
RYB	62, 120, 64
Decimal	7764030
CIELab	49.05, -9.83, 31.40
CIELCh	49, 32.900, 107.386
Yxy	17.6323, 0.3778, 0.4424
Android (android.graphics.Color)	4285954110 (0xFF76783E)
YUV	112.7900, -25.0395, 4.5692
Hunter-Lab	41.9908, -9.4769, 19.2737

Details

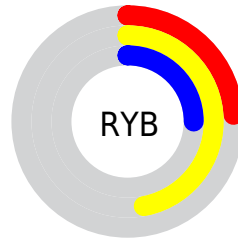
The XYZ color **15.0572, 17.6323, 7.1672** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **7.2277, 5.8917, 18.5266**, and the grayscale version is **15.7024, 16.5201, 17.9904**.

A 20% lighter version of the original color is **34.4164, 39.3107, 20.8127**, and **4.7875, 5.8982, 1.3381** is the 20% darker color. If you saturate the color by 10%, you get **14.7077, 17.4866, 5.6178**, and if you desaturate by 10%, it is **15.4806, 17.8088, 9.1004**.

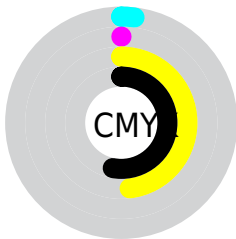
Distribution



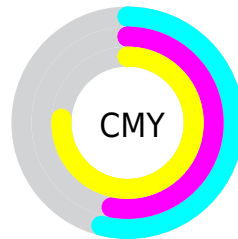
- Red (46%)
- Green (47%)
- Blue (24%)



- Red (24%)
- Yellow (47%)
- Blue (25%)



- Cyan (2%)
- Magenta (0%)
- Yellow (48%)
- Black (53%)



- Cyan (54%)
- Magenta (53%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.0572, 17.6323, 7.1672 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 15.0572, 17.6323, 7.1672 by changing the saturation by 10% instead.

■ 15.0572, 17.6323,
7.1672

■ 15.0572, 17.6323,
7.1672

217.0937,
238.7903, 178.7292

■ 8.9461, 10.6863,
3.4869

■ 34.5243, 39.4098,
20.8274

■ 4.7629, 5.8563,
1.3483

■ 48.6111, 55.0100,
31.6443

■ 2.1421, 2.7579,
0.1009

■ 66.0871, 74.2639,
45.6771

■ 0.7120, 1.0067,
0.0000

■ 87.3178, 97.5557,
63.3444

■ 0.0000, 0.0000,
0.0000

■ 112.6684,
125.2698, 85.0647

■ 142.5043,

157.7907, 111.2566

177.1910,
195.5027, 142.3386

■ 15.0572, 17.6323,
7.1672

■ 15.0572, 17.6323,
7.1672

■ 14.7077, 17.4866,
5.6178

■ 15.4806, 17.8088,
9.1004

■ 14.4259, 17.3674,
4.4257

■ 15.9810, 18.0155,
11.4396

■ 14.2068, 17.2734,
3.5626

■ 16.5628, 18.2548,
14.2065

■ 14.0442, 17.2019,
2.9956

■ 17.2299, 18.5282,
17.4209

■ 13.9207, 17.1462,
2.6333

■ 17.9857, 18.8372,
21.1014

■ 13.9005, 17.1371,
2.5751

■ 18.8336, 19.1830,
25.2656

■ 19.7768, 19.5670,
29.9302

■ 20.8183, 19.9903,
35.1109

■ 21.9609, 20.4541,
40.8231

Harmonies

Analogous

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



18.0806, 17.6323, 6.9801



15.0572, 17.6323, 7.1672



12.7814, 17.6323, 9.8807

Triad

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



15.0572, 17.6323, 7.1672



13.0735, 17.6323, 34.5106



23.2006, 17.6323, 23.1298

Complementary

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



15.0572, 17.6323, 7.1672



7.2277, 5.8917, 18.5266

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.



21.4864, 17.6323, 33.0607



15.0572, 17.6323, 7.1672



15.5033, 17.6323, 40.8575

Square

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



15.0572, 17.6323, 7.1672



11.7358, 17.6323, 24.7028



18.5844, 17.6323, 40.2580



23.0431, 17.6323, 14.5795

Rectangle

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



15.0572, 17.6323, 7.1672



11.8815, 17.6323, 13.4070



18.5844, 17.6323, 40.2580



22.8162, 17.6323, 26.4559

Sweetspot

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



15.0576, 17.6331, 7.1676



29.4614, 32.2414, 26.5783



10.4455, 8.0006, 5.5514



6.9364, 7.6222, 6.0795



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



15.0576, 17.6331, 7.1676



25.8071, 30.7290, 9.6226



11.7129, 15.9088, 7.0110



4.2947, 4.6272, 4.2913



15.1613, 18.6932, 2.8091



72.1667, 89.0887, 13.3923

Inverse Universe

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



7.2277, 5.8917, 18.5266



10.2873, 7.4489, 32.1487



9.6208, 7.1254, 18.6386



3.8093, 3.8995, 4.9951



3.7525, 1.5072, 19.4784



17.7512, 7.1131, 92.9072

Previews

White Background



This preview shows how the XYZ color 15.0572, 17.6323, 7.1672 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 15.0572, 17.6323, 7.1672 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

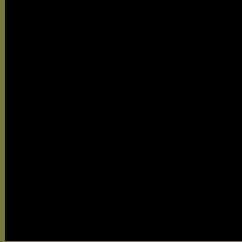
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 15.0572, 17.6323, 7.1672

Background



This preview shows how black text looks on a background with the XYZ color 15.0572, 17.6323, 7.1672.



This preview shows how white text looks on a background with the XYZ color 15.0572, 17.6323,

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

15.0572, 17.6323, 7.1672

Protanopia

16.1057, 17.6487, 6.9726

Deuteranopia

17.7652, 17.4898, 7.2900



Tritanopia

17.8754, 17.5754, 20.8626

Trichromacy



Original Color

15.0572, 17.6323, 7.1672

Protanomaly

15.6329, 17.5789, 6.9840

Deuteranomaly

16.5874, 17.3801, 7.1831

Tritanomaly

16.5717, 17.5485, 14.5704

Monochromacy



Original Color

15.0572, 17.6323, 7.1672

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

15.3360, 16.9438, 13.0519

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.0572, 17.6323, 7.1672 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, 120, 62)` looks like.

```
.text, #text, p{  
    color:rgb(118, 120, 62)  
}
```

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, 120, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 120, 62) }
```

Border

The CSS property to change the border of an element to XYZ 15.0572, 17.6323, 7.1672 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, 120, 62) }
```


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

```
.border{ border-color:rgb(118, 120, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 120, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 120, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 120, 62);  
box-shadow:4px 4px 4px 4px rgb(118, 120,  
62) }
```

Background

The CSS property to change the background color of an element to XYZ 15.0572, 17.6323, 7.1672 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 120, 62) }
```

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

```
.background{ background-color: rgb(118,  
120, 62) }
```

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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