

Converting Colors

XYZ(15.1184, 17.4605, 13.6504)

Have a look what the booklet for
XYZ(15.1184, 17.4605, 13.6504)
contains.

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Color

**XYZ(15.1345, 17.5287,
13.6520)**

Conversions

Conversions Part 1

Format	Color
Hex	6D7860
RGB	109, 120, 96
RGB Percent	43%, 47%, 38%
CMY	0.5725, 0.5294, 0.6235
CMYK	0.09, 0.00, 0.20, 0.53
HSL	88°, 11%, 42%
HSV	88°, 20%, 47%
XYZ	15.1345, 17.5287, 13.6520
YIQ	113.9750, 1.1480, -9.7960

Conversions

Conversions Part 2

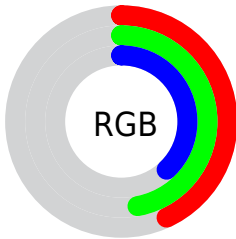
Format	Color
RYB	96, 120, 107
Decimal	7174240
CIELab	48.92, -8.82, 11.83
CIElCh	49, 14.754, 126.706
Yxy	17.5287, 0.3268, 0.3785
Android (android.graphics.Color)	4285364320 (0xFF6D7860)
YUV	113.9750, -8.8617, -4.3631
Hunter-Lab	41.8673, -8.7422, 9.9739

Details

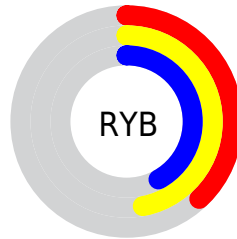
The XYZ color **15.1345, 17.5287, 13.6520** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.6371, 12.8480, 19.5314**, and the grayscale version is **16.0126, 16.8465, 18.3459**.

A 20% lighter version of the original color is **34.7169, 39.1887, 33.3382**, and **4.8176, 5.8571, 3.8942** is the 20% darker color. If you saturate the color by 10%, you get **13.9681, 16.9870, 10.9302**, and if you desaturate by 10%, it is **16.4285, 18.1275, 16.8208**.

Distribution



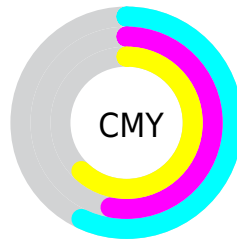
- Red (43%)
- Green (47%)
- Blue (38%)



- Red (38%)
- Yellow (47%)
- Blue (42%)



- Cyan (9%)
- Magenta (0%)
- Yellow (20%)
- Black (53%)



- Cyan (57%)
- Magenta (53%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.1345, 17.5287, 13.6520 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 15.1345, 17.5287, 13.6520 by changing the saturation by 10% instead.

■ 15.1345, 17.5287,
13.6520

■ 15.1345, 17.5287,
13.6520

217.5511,
238.2010, 226.4077

■ 9.0008, 10.6122,
7.7431

■ 34.6587, 39.2326,
33.1785

■ 4.7988, 5.8067,
3.8456

■ 48.7798, 54.7887,
47.6330

■ 2.1632, 2.7279,
1.5410

■ 66.2942, 73.9935,
65.7733

■ 0.7233, 0.9914,
0.2482

■ 87.5671, 97.2313,
88.0176

■ 0.0000, 0.0000,
0.0000

112.9639,
124.8866, 114.7847

142.8499,

157.3437, 146.4931

177.5905,
194.9870, 183.5612

■ 15.1345, 17.5287,
13.6520

■ 15.1345, 17.5287,
13.6520

■ 13.9681, 16.9870,
10.9302

■ 16.4285, 18.1275,
16.8208

■ 12.9235, 16.4982,
8.6343

■ 17.8531, 18.7830,
20.4543

■ 11.9960, 16.0610,
6.7428

■ 19.4129, 19.4976,
24.5707

■ 11.1806, 15.6732,
5.2322

■ 21.1117, 20.2729,
29.1868

■ 10.4714, 15.3324,
4.0766

■ 22.9533, 21.1106,
34.3185

■ 9.8619, 15.0359,
3.2466

■ 24.9412, 22.0122,
39.9813

■ 9.3449, 14.7808,
2.7082

■ 27.0789, 22.9790,
46.1898

■ 8.8965, 14.5573,
2.3409

■ 29.3698, 24.0125,
52.9580

■ 31.8169, 25.1141,
60.2996

Harmonies

Analogous

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



16.3547, 17.5287, 12.5287



15.1345, 17.5287, 13.6520



14.3554, 17.5287, 16.2541

Triad

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



15.1345, 17.5287, 13.6520



15.6400, 17.5287, 26.8909



19.4172, 17.5287, 18.2179

Complementary

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



15.1345, 17.5287, 13.6520



13.6371, 12.8480, 19.5314

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.



19.2001, 17.5287, 22.2285



15.1345, 17.5287, 13.6520



16.9701, 17.5287, 27.6054

Square

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



15.1345, 17.5287, 13.6520



14.6358, 17.5287, 23.9615



18.2858, 17.5287, 25.7984



18.8638, 17.5287, 14.9208

Rectangle

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



15.1345, 17.5287, 13.6520



14.1657, 17.5287, 18.6554



18.2858, 17.5287, 25.7984



19.4323, 17.5287, 19.5227

Sweetspot

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



15.1350, 17.5295, 13.6524



29.8313, 32.3136, 31.9476



15.0946, 15.3119, 13.2265



7.0408, 7.6447, 7.4980



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.



15.1350, 17.5295, 13.6524



25.6499, 30.3801, 21.7196



13.7794, 16.8306, 13.5889



4.1389, 4.5469, 4.2840



9.6886, 15.8719, 2.5529



45.2244, 75.1994, 12.1314

Inverse Universe

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



13.6371, 12.8480, 19.5314



22.5118, 20.5717, 34.0373



15.1540, 13.6301, 19.6024



3.9560, 3.9752, 5.0020



5.4015, 2.3574, 19.5556



24.8073, 10.7506, 93.2374

Previews

White Background



This preview shows how the XYZ color 15.1345, 17.5287, 13.6520 looks on a white background.

Color Contrast Check

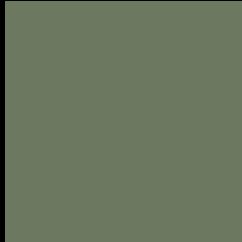
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.1345, 17.5287, 13.6520 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

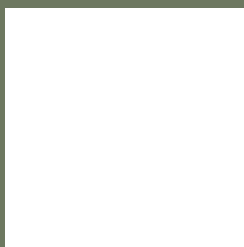
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.1345, 17.5287, 13.6520

Background



This preview shows how black text looks on a background with the XYZ color 15.1345, 17.5287, 13.6520.



This preview shows how white text looks on a background with the XYZ color 15.1345, 17.5287,

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

15.1345, 17.5287, 13.6520

Protanopia

16.4342, 17.5099, 13.1032

Deuteranopia

17.8303, 17.5385, 14.0008



Tritanopia

16.7571, 17.4822, 21.8932

Trichromacy



Original Color

15.1345, 17.5287, 13.6520

Protanomaly

15.8981, 17.4004, 13.3472

Deuteranomaly

16.7458, 17.4845, 13.8015

Tritanomaly

16.0806, 17.3822, 18.4272

Monochromacy



Original Color

15.1345, 17.5287, 13.6520

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

15.5813, 16.9971, 16.3695

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.1345, 17.5287, 13.6520 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(109, 120, 96)` looks like.

```
.text, #text, p{  
    color:rgb(109, 120, 96)  
}
```

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(109, 120, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 120, 96) }
```

Border

The CSS property to change the border of an element to XYZ 15.1345, 17.5287, 13.6520 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(109, 120, 96) }
```


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

```
.border{ border-color:rgb(109, 120, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 120, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 120, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 120, 96);  
box-shadow:4px 4px 4px 4px rgb(109, 120,  
96) }
```

Background

The CSS property to change the background color of an element to XYZ 15.1345, 17.5287, 13.6520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 120, 96) }
```

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

```
.background{ background-color: rgb(109,  
120, 96) }
```

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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