

Converting Colors

XYZ(16.0511, 17.1765, 13.7979)

Have a look what the booklet for
XYZ(16.0511, 17.1765, 13.7979)
contains.

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Color

**XYZ(16.0341, 17.1176,
13.7682)**

Conversions

Conversions Part 1

Format	Color
Hex	787361
RGB	120, 115, 97
RGB Percent	47%, 45%, 38%
CMY	0.5294, 0.5490, 0.6196
CMYK	0.00, 0.04, 0.19, 0.53
HSL	47°, 11%, 43%
HSV	47°, 19%, 47%
XYZ	16.0341, 17.1176, 13.7682
YIQ	114.4430, 8.7580, -4.5380

Conversions

Conversions Part 2

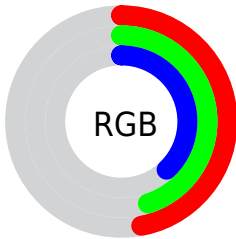
Format	Color
R_{YB}	103, 120, 97
Decimal	7893857
CIE Lab	48.41, -1.35, 10.66
CIE LCh	48, 10.748, 97.199
Yxy	17.1176, 0.3417, 0.3648
Android (android.graphics.Color)	4286083937 (0xFF787361)
YUV	114.4430, -8.5994, 4.8735
Hunter-Lab	41.3734, -3.2265, 9.2309

Details

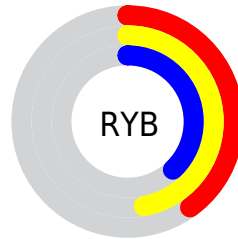
The XYZ color **16.0341, 17.1176, 13.7682** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.0712, 13.3998, 19.6668**, and the grayscale version is **16.1510, 16.9921, 18.5044**.

A 20% lighter version of the original color is **36.1773, 38.5462, 33.5504**, and **5.2032, 5.5929, 3.9373** is the 20% darker color. If you saturate the color by 10%, you get **15.2234, 16.3249, 10.9432**, and if you desaturate by 10%, it is **16.9388, 17.9625, 17.0426**.

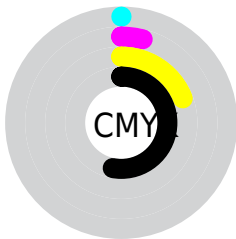
Distribution



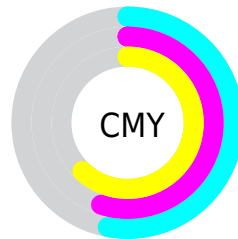
- Red (47%)
- Green (45%)
- Blue (38%)



- Red (40%)
- Yellow (47%)
- Blue (38%)



- Cyan (0%)
- Magenta (4%)
- Yellow (19%)
- Black (53%)



- Cyan (53%)
- Magenta (55%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.0341, 17.1176, 13.7682 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 16.0341, 17.1176, 13.7682 by changing the saturation by 10% instead.

■ 16.0341, 17.1176,
13.7682

■ 16.0341, 17.1176,
13.7682

222.8093,
235.8492, 227.1621

■ 9.6393, 10.3184,
7.8227

■ 36.2144, 38.5279,
33.3884

■ 5.2209, 5.6106,
3.8956

■ 50.7305, 53.9077,
47.9001

■ 2.4135, 2.6098,
1.5682

■ 68.6845, 72.9165,
66.1043

■ 0.8519, 0.9316,
0.2680

■ 90.4417, 95.9387,
88.4196

■ 0.0000, 0.0000,
0.0000

116.3674,
123.3587, 115.2645

146.8270,

155.5608, 147.0575

182.1858,
192.9295, 184.2172

■ 16.0341, 17.1176,
13.7682

■ 16.0341, 17.1176,
13.7682

■ 15.2234, 16.3249,
10.9432

■ 16.9388, 17.9625,
17.0426

■ 14.5015, 15.5805,
8.5465

■ 17.9397, 18.8589,
20.7841

■ 13.8647, 14.8833,
6.5570

■ 19.0407, 19.8090,
25.0106

■ 13.3085, 14.2315,
4.9514

■ 20.2451, 20.8143,
29.7390

■ 12.8279, 13.6230,
3.7037

■ 21.5559, 21.8760,
34.9851

■ 12.4173, 13.0554,
2.7852

■ 22.9761, 22.9954,
40.7642

■ 12.0703, 12.5260,
2.1624

■ 24.5086, 24.1738,
47.0909

■ 11.7669, 12.0266,
1.7299

■ 26.1560, 25.4124,
53.9792

■ 11.7421, 11.9858,
1.6946

■ 27.9210, 26.7124,
61.4427

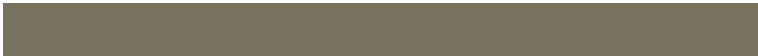
Harmonies

Analogous

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



17.0131, 17.1176, 14.0812



16.0341, 17.1176, 13.7682



15.1539, 17.1176, 14.6514

Triad

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



16.0341, 17.1176, 13.7682



14.8106, 17.1176, 22.1052



18.0746, 17.1176, 20.8149

Complementary

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



16.0341, 17.1176, 13.7682



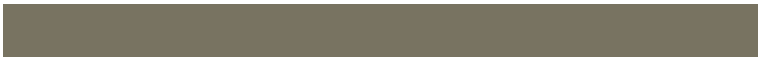
13.0712, 13.3998, 19.6668

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.



17.4391, 17.1176, 23.2896



16.0341, 17.1176, 13.7682



15.5484, 17.1176, 24.0853

Square

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



16.0341, 17.1176, 13.7682



14.4662, 17.1176, 19.3246



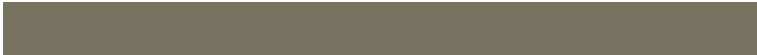
16.5077, 17.1176, 24.5392



18.2174, 17.1176, 17.9681

Rectangle

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



16.0341, 17.1176, 13.7682



14.7326, 17.1176, 15.8576



16.5077, 17.1176, 24.5392



17.9103, 17.1176, 21.7261

Sweetspot

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



16.0346, 17.1184, 13.7686



30.3055, 32.0590, 31.8735



14.4371, 13.5093, 14.5128



7.1620, 7.5795, 7.4790



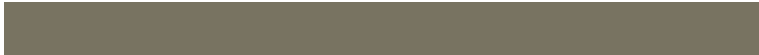
59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



16.0346, 17.1184, 13.7686



27.5548, 29.4836, 21.9359



15.7963, 17.8645, 13.9251



4.2374, 4.4932, 4.2684



12.7994, 13.0547, 1.8452



60.4112, 60.9859, 8.5874

Inverse Universe

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



13.0712, 13.3998, 19.6668



21.3372, 21.6823, 34.3136



13.2739, 12.7971, 19.5398



3.8617, 4.0218, 5.0159



4.0938, 2.2700, 19.6077



19.0011, 9.7748, 93.3551

Previews

White Background



This preview shows how the XYZ color 16.0341, 17.1176, 13.7682 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 16.0341, 17.1176, 13.7682 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

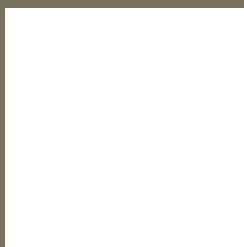
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.0341, 17.1176, 13.7682

Background



This preview shows how black text looks on a background with the XYZ color 16.0341, 17.1176, 13.7682.



This preview shows how white text looks on a background with the XYZ color 16.0341, 17.1176,

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

16.0341, 17.1176, 13.7682

Protanopia

16.1736, 17.1895, 13.7747

Deuteranopia

17.4048, 17.1563, 13.9494



Tritanopia

17.3527, 17.1554, 20.1660

Trichromacy



Original Color

16.0341, 17.1176, 13.7682

Protanomaly

16.1736, 17.1895, 13.7747

Deuteranomaly

16.9009, 17.0594, 13.9573

Tritanomaly

16.8558, 17.1177, 17.7449

Monochromacy



Original Color

16.0341, 17.1176, 13.7682

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

15.9265, 16.8303, 16.5965

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.0341, 17.1176, 13.7682 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(120, 115, 97)` looks like.

```
.text, #text, p{  
    color:rgb(120, 115, 97)  
}
```

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(120, 115, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 115, 97) }
```

Border

The CSS property to change the border of an element to XYZ 16.0341, 17.1176, 13.7682 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(120, 115, 97) }
```


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

```
.border{ border-color:rgb(120, 115, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 115, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 115, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 115, 97);  
box-shadow:4px 4px 4px 4px rgb(120, 115,  
97) }
```

Background

The CSS property to change the background color of an element to XYZ 16.0341, 17.1176, 13.7682 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 115, 97) }
```

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

```
.background{ background-color: rgb(120,  
115, 97) }
```

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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