

Converting Colors

XYZ(17.5636, 16.4317, 21.6480)

Have a look what the booklet for
XYZ(17.5636, 16.4317, 21.6480)
contains.

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Color

**XYZ(17.5636, 16.4317,
21.6480)**

Conversions

Conversions Part 1

Format	Color
Hex	7E6B7D
RGB	126, 107, 125
RGB Percent	49%, 42%, 49%
CMY	0.5059, 0.5804, 0.5098
CMYK	0.00, 0.15, 0.01, 0.51
HSL	303°, 8%, 46%
HSV	303°, 15%, 49%
XYZ	17.5636, 16.4317, 21.6480
YIQ	114.7330, 5.5460, 9.6260

Conversions

Conversions Part 2

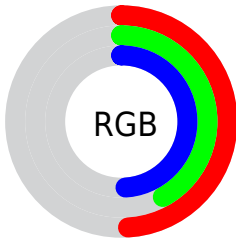
Format	Color
R_{YB}	126, 107, 125
Decimal	8285053
CIE _{Lab}	47.54, 10.93, -7.19
CIE _{LCh}	48, 13.081, 326.681
Yxy	16.4317, 0.3156, 0.2953
Android (android.graphics.Color)	4286475133 (0xFF7E6B7D)
YUV	114.7330, 5.0616, 9.8812
Hunter-Lab	40.5360, 6.4031, -3.2882

Details

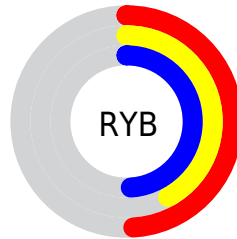
The XYZ color **17.5636, 16.4317, 21.6480** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.2317, 19.1308, 17.0254**, and the grayscale version is **16.1993, 17.0429, 18.5598**.

A 20% lighter version of the original color is **38.8531, 37.2518, 47.2620**, and **5.9809, 5.3313, 7.5513** is the 20% darker color. If you saturate the color by 10%, you get **16.3024, 13.9767, 21.0194**, and if you desaturate by 10%, it is **19.0175, 19.2711, 22.3426**.

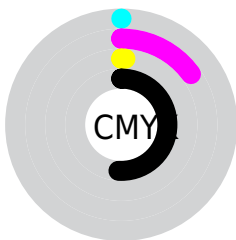
Distribution



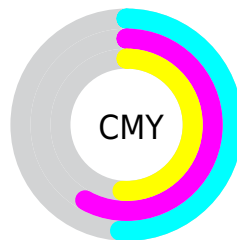
- Red (49%)
- Green (42%)
- Blue (49%)



- Red (49%)
- Yellow (42%)
- Blue (49%)



- Cyan (0%)
- Magenta (15%)
- Yellow (1%)
- Black (51%)



- Cyan (51%)
- Magenta (58%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.5636, 16.4317, 21.6480 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 17.5636, 16.4317, 21.6480 by changing the saturation by 10% instead.

■ 17.5636, 16.4317,
21.6480

■ 17.5636, 16.4317,
21.6480

231.4931,
231.8758, 273.5958

■ 10.7349, 9.8301,
13.4026

■ 38.8282, 37.3460,
47.0582

■ 5.9549, 5.2865,
7.5724

■ 53.9949, 52.4276,
65.0602

■ 2.8580, 2.4163,
3.7388

■ 72.6716, 71.1047,
87.1514

■ 1.0791, 0.8343,
1.4832

■ 95.2237, 93.7616,
113.7505

■ 0.0076, 0.0000,
0.2053

122.0165,
120.7828, 145.2759

■ 0.0000, 0.0000,
0.0000

153.4155,

152.5526, 182.1462

189.7859,
189.4555, 224.7800

■ 17.5636, 16.4317,
21.6480

■ 17.5636, 16.4317,
21.6480

■ 16.3024, 13.9767,
21.0194

■ 19.0175, 19.2711,
22.3426

■ 15.2243, 11.8876,
20.4530

■ 20.6703, 22.5082,
23.1048

■ 14.3208, 10.1473,
19.9461

■ 22.5299, 26.1585,
23.9373

■ 13.5823, 8.7366,
19.4957

■ 24.6033, 30.2358,
24.8425

■ 12.9984, 7.6346,
19.0982

■ 26.8970, 34.7534,
25.8225

■ 12.5573, 6.8178,
18.7497

■ 29.4174, 39.7239,
26.8795

■ 12.2457, 6.2595,
18.4458

■ 32.1706, 45.1595,
28.0155

■ 12.0432, 5.9190,
18.1796

■ 35.1625, 51.0719,
29.2324

■ 11.9562, 5.7764,
18.0532

■ 38.3986, 57.4724,
30.5322

Harmonies

Analogous

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



16.6445, 16.4317, 24.2511



17.5636, 16.4317, 21.6480



17.9603, 16.4317, 18.2650

Triad

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



17.5636, 16.4317, 21.6480



15.7478, 16.4317, 12.2251



13.7023, 16.4317, 20.9264

Complementary

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



17.5636, 16.4317, 21.6480



16.2317, 19.1308, 17.0254

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.



13.4884, 16.4317, 17.5228



17.5636, 16.4317, 21.6480



14.6343, 16.4317, 12.7537

Square

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



17.5636, 16.4317, 21.6480



16.8797, 16.4317, 13.0521



13.8214, 16.4317, 14.5965



14.4205, 16.4317, 23.7994

Rectangle

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



17.5636, 16.4317, 21.6480



17.8612, 16.4317, 16.1139



13.8214, 16.4317, 14.5965



13.5706, 16.4317, 19.7949

Sweetspot

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



17.5641, 16.4324, 21.6484



33.4635, 33.8998, 39.3221



15.2026, 15.2076, 21.8732



7.5763, 7.6416, 8.9277



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.



17.5641, 16.4324, 21.6484



30.1368, 27.4056, 37.7224



16.9888, 16.2023, 18.6187



4.4887, 4.4086, 5.3779



12.2652, 5.9258, 18.5179



0.0000, 0.0000, 0.0000

Inverse Universe

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



17.5641, 16.4324, 21.6484



30.1368, 27.4056, 37.7224



16.7623, 19.3430, 19.8194



4.4887, 4.4086, 5.3779



12.2652, 5.9258, 18.5179



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 17.5636, 16.4317, 21.6480 looks on a white background.

Color Contrast Check

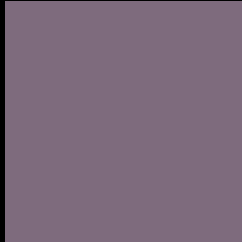
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.5636, 16.4317, 21.6480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

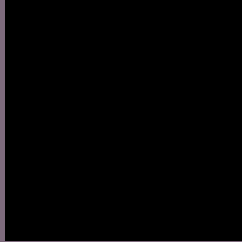
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 17.5636, 16.4317, 21.6480

Background



This preview shows how black text looks on a background with the XYZ color 17.5636, 16.4317, 21.6480.



This preview shows how white text looks on a background with the XYZ color 17.5636, 16.4317,

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

17.5636, 16.4317, 21.6480

Protanopia

16.1209, 16.4619, 22.7499

Deuteranopia

16.6852, 16.4586, 21.3662



Tritanopia

17.0309, 16.3695, 19.0916

Trichromacy



Original Color

17.5636, 16.4317, 21.6480

Protanomaly

16.6092, 16.3972, 22.3682

Deuteranomaly

16.9919, 16.4575, 21.3498

Tritanomaly

17.2102, 16.4412, 20.0357

Monochromacy



Original Color

17.5636, 16.4317, 21.6480

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

16.7317, 16.8422, 19.8218

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.5636, 16.4317, 21.6480 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(126, 107, 125)` looks like.

```
.text, #text, p{  
    color:rgb(126, 107, 125)  
}
```

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(126, 107, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 107, 125) }
```

Border

The CSS property to change the border of an element to XYZ 17.5636, 16.4317, 21.6480 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(126, 107, 125) }
```


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

```
.border{ border-color:rgb(126, 107, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 107, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 107, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 107, 125);  
box-shadow:4px 4px 4px 4px rgb(126, 107,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 17.5636, 16.4317, 21.6480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 107, 125) }
```

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

```
.background{ background-color: rgb(126,  
107, 125) }
```

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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