

Converting Colors

XYZ(17.2855, 17.1598, 21.7864)

Have a look what the booklet for
XYZ(17.2855, 17.1598, 21.7864)
contains.

XYZ(17.2416, 17.0621, 21.7866)	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(17.2416, 17.0621,
21.7866)**

Conversions

Conversions Part 1

Format	Color
Hex	78707D
RGB	120, 112, 125
RGB Percent	47%, 44%, 49%
CMY	0.5294, 0.5608, 0.5098
CMYK	0.04, 0.10, 0.00, 0.51
HSL	277°, 5%, 46%
HSV	277°, 10%, 49%
XYZ	17.2416, 17.0621, 21.7866
YIQ	115.8740, 0.5950, 5.7390

Conversions

Conversions Part 2

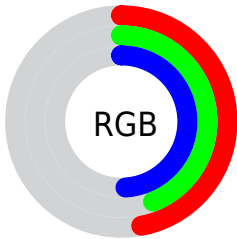
Format	Color
R_{YB}	120, 112, 125
Decimal	7893117
CIE Lab	48.34, 5.72, -6.05
CIE LCh	48, 8.327, 313.398
Yxy	17.0621, 0.3074, 0.3042
Android (android.graphics.Color)	4286083197 (0xFF78707D)
YUV	115.8740, 4.4991, 3.6185
Hunter-Lab	41.3063, 2.2214, -2.3575

Details

The XYZ color **17.2416, 17.0621, 21.7866** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.5950, 19.6194, 18.1897**, and the grayscale version is **16.5489, 17.4107, 18.9602**.

A 20% lighter version of the original color is **38.3246, 38.5359, 47.5377**, and **5.8104, 5.5663, 7.6056** is the 20% darker color. If you saturate the color by 10%, you get **15.3070, 14.1579, 21.3283**, and if you desaturate by 10%, it is **19.4022, 20.3680, 22.3111**.

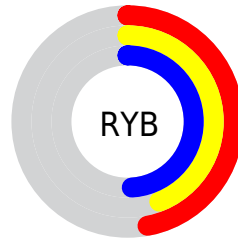
Distribution



Red (47%)

Green (44%)

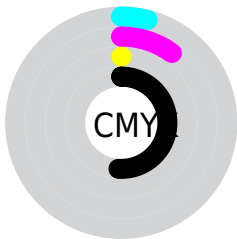
Blue (49%)



Red (47%)

Yellow (44%)

Blue (49%)

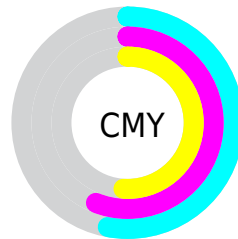


Cyan (4%)

Magenta (10%)

Yellow (0%)

Black (51%)



Cyan (53%)

Magenta (56%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.2416, 17.0621, 21.7866 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 17.2416, 17.0621, 21.7866 by changing the saturation by 10% instead.

■ 17.2416, 17.0621,
21.7866

■ 17.2416, 17.0621,
21.7866

229.6900,
235.5300, 274.3469

■ 10.5033, 10.2788,
13.5034

■ 38.2810, 38.4325,
47.2907

■ 5.7987, 5.5842,
7.6413

■ 53.3128, 53.7884,
65.3486

■ 2.7626, 2.5939,
3.7818

■ 71.8398, 72.7706,
87.5019

■ 1.0295, 0.9236,
1.5064

■ 94.2273, 95.7635,
114.1690

■ 0.0000, 0.0000,
0.2227

120.8407,
123.1515, 145.7685

■ 0.0000, 0.0000,
0.0000

152.0454,

155.3190, 182.7190

188.2067,
192.6503, 225.4389

■ 17.2416, 17.0621,
21.7866

■ 17.2416, 17.0621,
21.7866

■ 15.3070, 14.1579,
21.3283

■ 19.4022, 20.3680,
22.3111

■ 13.5886, 11.6373,
20.9323

■ 21.7951, 24.0885,
22.9031

■ 12.0779, 9.4840,
20.5963

■ 24.4284, 28.2385,
23.5653

■ 10.7655, 7.6796,
20.3172

■ 27.3091, 32.8316,
24.3001

■ 9.6409, 6.2042,
20.0917

■ 30.4441, 37.8807,
25.1094

8.6928, 5.0359,
19.9161

33.8398, 43.3982,
25.9954

7.9084, 4.1497,
19.7864

37.5026, 49.3961,
26.9601

7.2727, 3.5168,
19.6978

41.4385, 55.8859,
28.0053

6.7558, 3.0551,
19.6359

45.6534, 62.8786,
29.1329

Harmonies

Analogous

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



16.5579, 17.0621, 22.9522



17.2416, 17.0621, 21.7866



17.6577, 17.0621, 19.7990

Triad

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



17.2416, 17.0621, 21.7866



16.6380, 17.0621, 14.8497



14.8370, 17.0621, 19.5642

Complementary

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



17.2416, 17.0621, 21.7866



17.5950, 19.6194, 18.1897

Split Complementary

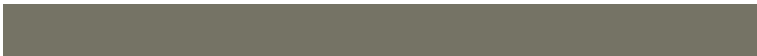
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



14.8569, 17.0621, 17.4077



17.2416, 17.0621, 21.7866



15.8809, 17.0621, 14.7977

Square

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



17.2416, 17.0621, 21.7866



17.3018, 17.0621, 15.8488



15.2338, 17.0621, 15.7005



15.1785, 17.0621, 21.6032

Rectangle

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



17.2416, 17.0621, 21.7866



17.7195, 17.0621, 18.3308



15.2338, 17.0621, 15.7005



14.8020, 17.0621, 18.8268

Sweetspot

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



17.2421, 17.0628, 21.7870



33.6694, 34.8191, 39.6905



16.7690, 17.6953, 21.9340



7.5936, 7.8203, 9.0123



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.



17.2421, 17.0628, 21.7870



30.1900, 29.5167, 38.8505



17.8712, 17.3967, 21.3858



4.3429, 4.3324, 5.4206



7.0430, 3.1845, 20.4934



0.0000, 0.0000, 0.0000

Inverse Universe

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



17.4631, 17.2334, 19.2364



30.6585, 29.8773, 33.4926



17.0139, 19.3114, 18.5430



4.3909, 4.3695, 4.8630



9.3823, 4.7726, 3.3371



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 17.2416, 17.0621, 21.7866 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 17.2416, 17.0621, 21.7866 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

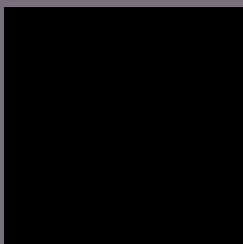
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 17.2416, 17.0621, 21.7866

Background



This preview shows how black text looks on a background with the XYZ color 17.2416, 17.0621, 21.7866.



This preview shows how white text looks on a background with the XYZ color 17.2416, 17.0621,

21.7866.

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

17.2416, 17.0621, 21.7866

Protanopia

16.5933, 17.0517, 22.1554

Deuteranopia

17.3810, 17.1340, 21.7931



Tritanopia

16.9641, 17.1127, 20.4981

Trichromacy



Original Color

17.2416, 17.0621, 21.7866

Protanomaly

16.8735, 17.0296, 22.1364

Deuteranomaly

17.3810, 17.1340, 21.7931

Tritanomaly

17.0257, 17.1373, 20.8228

Monochromacy



Original Color

17.2416, 17.0621, 21.7866

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

16.7966, 17.3753, 19.9213

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.2416, 17.0621, 21.7866 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, 112, 125)` looks like.

```
.text, #text, p{  
    color:rgb(120, 112, 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(120, 112, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 112, 125) }
```

Border

The CSS property to change the border of an element to XYZ 17.2416, 17.0621, 21.7866 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, 112, 125) }
```


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

```
.border{ border-color:rgb(120, 112, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 112, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 112, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 112, 125);  
box-shadow:4px 4px 4px 4px rgb(120, 112,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 17.2416, 17.0621, 21.7866 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 112, 125) }
```

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

```
.background{ background-color: rgb(120,  
112, 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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