

Converting Colors

XYZ(17.8415, 23.4474, 28.7848)

Have a look what the booklet for
XYZ(17.8415, 23.4474, 28.7848)
contains.

XYZ(17.8415, 23.4474, 28.7848)	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(17.8415, 23.4474,
28.7848)**

Conversions

Conversions Part 1

Format	Color
Hex	4D908D
RGB	77, 144, 141
RGB Percent	30%, 56%, 55%
CMY	0.6980, 0.4353, 0.4471
CMYK	0.47, 0.00, 0.02, 0.44
HSL	177°, 30%, 43%
HSV	177°, 47%, 56%
XYZ	17.8415, 23.4474, 28.7848
YIQ	123.6250, -38.9690, -15.1370

Conversions

Conversions Part 2

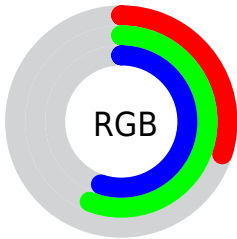
Format	Color
R_{YB}	77, 111, 144
Decimal	5083277
CIE _{Lab}	55.53, -22.03, -5.03
CIE _{LCh}	56, 22.601, 192.866
Yxy	23.4474, 0.2546, 0.3346
Android (android.graphics.Color)	4283273357 (0xFF4D908D)
YUV	123.6250, 8.5659, -40.8901
Hunter-Lab	48.4225, -18.9703, -1.3492

Details

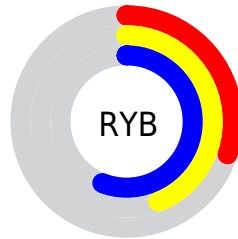
The XYZ color **17.8415, 23.4474, 28.7848** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **15.6042, 11.8168, 9.0485**, and the grayscale version is **19.0157, 20.0060, 21.7866**.

A 20% lighter version of the original color is **39.4045, 49.1536, 59.0405**, and **6.0712, 8.7225, 11.2611** is the 20% darker color. If you saturate the color by 10%, you get **16.7581, 22.8950, 28.4847**, and if you desaturate by 10%, it is **19.1838, 24.1344, 29.0995**.

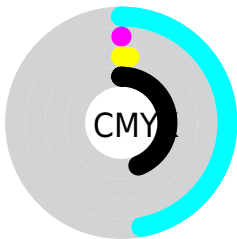
Distribution



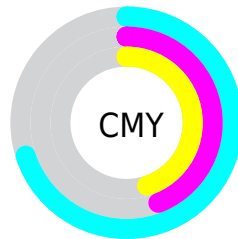
- Red (30%)
- Green (56%)
- Blue (55%)



- Red (30%)
- Yellow (44%)
- Blue (56%)



- Cyan (47%)
- Magenta (0%)
- Yellow (2%)
- Black (44%)



- Cyan (70%)
- Magenta (44%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.8415, 23.4474, 28.7848 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 17.8415, 23.4474, 28.7848 by changing the saturation by 10% instead.

■ 17.8415, 23.4474,
28.7848

■ 17.8415, 23.4474,
28.7848

233.0390,
270.0147, 310.2273

■ 10.9353, 14.9242,
18.6739

■ 39.2993, 49.1269,
58.7731

■ 6.0903, 8.7662,
11.2605

■ 54.5815, 67.0520,
79.4876

■ 2.9412, 4.5890,
6.1259

■ 73.3864, 88.8799,
104.5737

■ 1.1228, 2.0082,
2.8518

■ 96.0794, 114.9950,
134.4499

■ 0.0440, 0.6122,
1.0195

■ 123.0258,
145.7816, 169.5349

■ 0.0000, 0.0000,
0.0000

154.5910,

181.6241, 210.2471

191.1403,
222.9070, 257.0050

■ 17.8415, 23.4474,
28.7848

■ 17.8415, 23.4474,
28.7848

■ 16.7581, 22.8950,
28.4847

■ 19.1838, 24.1344,
29.0995

■ 15.9144, 22.4656,
28.1968

■ 20.7985, 24.9612,
29.4278

■ 15.2918, 22.1501,
27.9207

■ 22.7007, 25.9362,
29.7711

■ 14.8681, 21.9370,
27.6554

■ 24.9037, 27.0662,
30.1299

■ 14.6075, 21.8081,
27.3991

■ 27.4201, 28.3578,
30.5049

■ 14.5287, 21.7694,
27.3110

■ 30.2616, 29.8169,
30.8966

■ 33.4396, 31.4494,
31.3054

■ 36.9645, 33.2608,
31.7320

■ 40.8467, 35.2563,
32.1768

Harmonies

Analogous

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



17.9231, 23.4474, 21.6144



17.8415, 23.4474, 28.7848



18.8835, 23.4474, 36.3184

Triad

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



17.8415, 23.4474, 28.7848



25.7891, 23.4474, 37.2614



23.7613, 23.4474, 14.3292

Complementary

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



17.8415, 23.4474, 28.7848



15.6042, 11.8168, 9.0485

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.



26.0746, 23.4474, 17.1228



17.8415, 23.4474, 28.7848



27.3052, 23.4474, 29.8926

Square

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



17.8415, 23.4474, 28.7848



23.3952, 23.4474, 41.8039



27.4135, 23.4474, 22.5307



21.2125, 23.4474, 14.1459

Rectangle

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



17.8415, 23.4474, 28.7848



20.1248, 23.4474, 40.1691



27.4135, 23.4474, 22.5307



24.5968, 23.4474, 14.9656

Sweetspot

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



17.8422, 23.4483, 28.7853



40.8606, 46.1659, 52.6466



14.6513, 22.2040, 10.5351



9.2052, 10.5022, 12.0451



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



17.8422, 23.4483, 28.7853



29.4519, 40.3266, 50.2063



14.0956, 15.5929, 28.6535



5.5500, 6.1122, 6.8620



12.6537, 18.9574, 23.7944



0.1231, 0.1821, 0.2385

Inverse Universe

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



15.6042, 11.8168, 9.0485



24.9994, 17.1595, 10.9208



18.1153, 17.0125, 9.3505



5.4181, 5.4278, 5.6996



10.0490, 5.1766, 0.6434



0.0976, 0.0501, 0.0144

Previews

White Background



This preview shows how the XYZ color 17.8415, 23.4474, 28.7848 looks on a white 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

Black Background



This preview shows how the XYZ color 17.8415, 23.4474, 28.7848 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

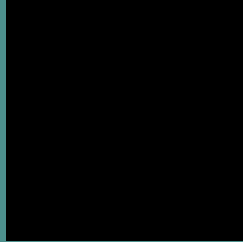
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 17.8415, 23.4474, 28.7848

Background



This preview shows how black text looks on a background with the XYZ color 17.8415, 23.4474, 28.7848.



This preview shows how white text looks on a background with the XYZ color 17.8415, 23.4474,

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

17.8415, 23.4474, 28.7848

Protanopia

22.3859, 23.2921, 25.8702

Deuteranopia

23.6995, 23.2896, 29.6318



Tritanopia

18.8991, 23.4284, 34.0979

Trichromacy



Original Color

17.8415, 23.4474, 28.7848

Protanomaly

20.1296, 22.9252, 27.0310

Deuteranomaly

20.8191, 22.8153, 29.2931

Tritanomaly

18.5555, 23.5203, 31.9957

Monochromacy



Original Color

17.8415, 23.4474, 28.7848

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

18.2090, 20.9701, 24.2070

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.8415, 23.4474, 28.7848 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(77, 144, 141)` looks like.

```
.text, #text, p{  
    color:rgb(77, 144, 141)  
}
```

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(77, 144, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 144, 141) }
```

Border

The CSS property to change the border of an element to XYZ 17.8415, 23.4474, 28.7848 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(77, 144, 141) }
```


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

```
.border{ border-color:rgb(77, 144, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 144, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 144, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 144, 141);  
box-shadow:4px 4px 4px 4px rgb(77, 144,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 17.8415, 23.4474, 28.7848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 144, 141) }
```

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

```
.background{ background-color: rgb(77, 144,  
141) }
```

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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