

Converting Colors

XYZ(17.8182, 25.4187, 23.7058)

Have a look what the booklet for
XYZ(17.8182, 25.4187, 23.7058)
contains.

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Color

**XYZ(17.8182, 25.4187,
23.7058)**

Conversions

Conversions Part 1

Format	Color
Hex	4A987E
RGB	74, 152, 126
RGB Percent	29%, 60%, 49%
CMY	0.7098, 0.4039, 0.5059
CMYK	0.51, 0.00, 0.17, 0.40
HSL	160°, 35%, 44%
HSV	160°, 51%, 60%
XYZ	17.8182, 25.4187, 23.7058
YIQ	125.7140, -38.1420, -24.6220

Conversions

Conversions Part 2

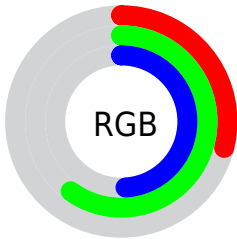
Format	Color
RYB	74, 121, 152
Decimal	4888702
CIELab	57.48, -30.57, 6.37
CIElCh	57, 31.225, 168.221
Yxy	25.4187, 0.2662, 0.3797
Android (android.graphics.Color)	4283078782 (0xFF4A987E)
YUV	125.7140, 0.1410, -45.3532
Hunter-Lab	50.4170, -25.1448, 7.4140

Details

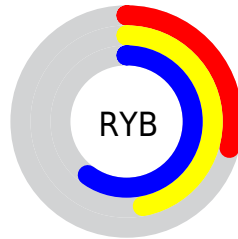
The XYZ color **17.8182, 25.4187, 23.7058** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **17.6988, 12.4938, 13.5364**, and the grayscale version is **19.7435, 20.7718, 22.6204**.

A 20% lighter version of the original color is **39.3516, 52.4695, 50.7014**, and **6.0347, 9.7213, 8.5795** is the 20% darker color. If you saturate the color by 10%, you get **16.4678, 24.7600, 21.9792**, and if you desaturate by 10%, it is **19.4694, 26.2318, 25.5341**.

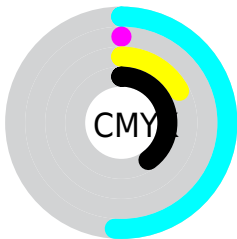
Distribution



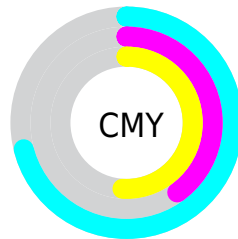
- Red (29%)
- Green (60%)
- Blue (49%)



- Red (29%)
- Yellow (47%)
- Blue (60%)



- Cyan (51%)
- Magenta (0%)
- Yellow (17%)
- Black (40%)



- Cyan (71%)
- Magenta (40%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.8182, 25.4187, 23.7058 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 17.8182, 25.4187, 23.7058 by changing the saturation by 10% instead.

■ 17.8182, 25.4187,
23.7058

■ 17.8182, 25.4187,
23.7058

232.9098,
279.9167, 284.5682

■ 10.9184, 16.3893,
14.9053

■ 39.2598, 52.3357,
50.4875

■ 6.0789, 9.8000,
8.6071

■ 54.5324, 70.9920,
69.3058

■ 2.9342, 5.2666,
4.3925

■ 73.3266, 93.6261,
92.3005

■ 1.1191, 2.4045,
1.8431

■ 96.0078, 120.6223,
119.8900

■ 0.0410, 0.8282,
0.4561

■ 122.9414,
152.3651, 152.4931

■ 0.0000, 0.0000,
0.0000

154.4927,

189.2389, 190.5281

191.0270,
231.6279, 234.4136

■ 17.8182, 25.4187,
23.7058

■ 17.8182, 25.4187,
23.7058

■ 16.4678, 24.7600,
21.9792

■ 19.4694, 26.2318,
25.5341

■ 15.3950, 24.2419,
20.3502

■ 21.4381, 27.2060,
27.4644

■ 14.5769, 23.8532,
18.8171

■ 23.7423, 28.3513,
29.4993

■ 13.9853, 23.5795,
17.3771

■ 26.3981, 29.6757,
31.6408

■ 13.5940, 23.4035,
16.1982

■ 29.4204, 31.1871,
33.8907

■ 32.8233, 32.8926,
36.2509

■ 36.6200, 34.7992,
38.7231

■ 40.8234, 36.9132,
41.3089

■ 45.4454, 39.2409,
44.0101

Harmonies

Analogous

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



19.2134, 25.4187, 16.1587



17.8182, 25.4187, 23.7058



17.9884, 25.4187, 34.5810

Triad

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



17.8182, 25.4187, 23.7058



26.4635, 25.4187, 52.0198



29.2399, 25.4187, 15.0494

Complementary

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



17.8182, 25.4187, 23.7058



17.6988, 12.4938, 13.5364

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.



31.6022, 25.4187, 21.7585



17.8182, 25.4187, 23.7058



29.8894, 25.4187, 43.6722

Square

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



17.8182, 25.4187, 23.7058



22.7302, 25.4187, 52.9314



31.8514, 25.4187, 32.0679



25.6479, 25.4187, 12.0885

Rectangle

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



17.8182, 25.4187, 23.7058



18.9697, 25.4187, 42.3661



31.8514, 25.4187, 32.0679



30.2193, 25.4187, 16.8483

Sweetspot

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



17.8189, 25.4197, 23.7064



44.6533, 51.4101, 54.3211



17.8656, 25.7360, 10.5050



9.9424, 11.5818, 12.1798



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



17.8189, 25.4197, 23.7064



28.6716, 43.5107, 38.2370



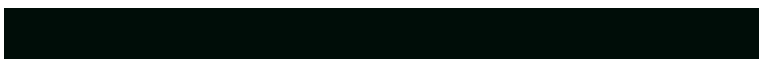
17.9144, 22.5678, 33.1188



6.2970, 6.9915, 7.4873



11.4125, 19.6285, 13.6589



0.1873, 0.3001, 0.2921

Inverse Universe

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



17.6988, 12.4938, 13.5364



28.4517, 18.0049, 18.2541



17.4896, 13.7783, 8.2167



6.2895, 6.2550, 6.9046



11.3655, 5.8004, 3.1838



0.1856, 0.0930, 0.1302

Previews

White Background



This preview shows how the XYZ color 17.8182, 25.4187, 23.7058 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 17.8182, 25.4187, 23.7058 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

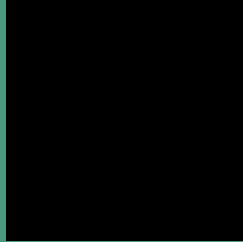
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 17.8182, 25.4187, 23.7058

Background



This preview shows how black text looks on a background with the XYZ color 17.8182, 25.4187, 23.7058.



This preview shows how white text looks on a background with the XYZ color 17.8182, 25.4187,

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

17.8182, 25.4187, 23.7058

Protanopia

23.7173, 25.1286, 20.7398

Deuteranopia

25.5537, 25.1591, 24.6285



Tritanopia

20.3479, 25.2555, 36.6032

Trichromacy



Original Color

17.8182, 25.4187, 23.7058

Protanomaly

20.7319, 24.6484, 21.7541

Deuteranomaly

21.6527, 24.6262, 24.3810

Tritanomaly

19.3222, 25.3069, 31.4701

Monochromacy



Original Color

17.8182, 25.4187, 23.7058

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

18.4933, 21.9601, 23.0027

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.8182, 25.4187, 23.7058 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(74, 152, 126)` looks like.

```
.text, #text, p{  
    color:rgb(74, 152, 126)  
}
```

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(74, 152, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 152, 126) }
```

Border

The CSS property to change the border of an element to XYZ 17.8182, 25.4187, 23.7058 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(74, 152, 126) }
```


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

```
.border{ border-color:rgb(74, 152, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 152, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 152, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 152, 126);  
box-shadow:4px 4px 4px 4px rgb(74, 152,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 17.8182, 25.4187, 23.7058 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 152, 126) }
```

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

```
.background{ background-color: rgb(74, 152,  
126) }
```

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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