

Converting Colors

XYZ(17.9070, 25.2460, 18.6891)

Have a look what the booklet for
XYZ(17.9070, 25.2460, 18.6891)
contains.

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Color

**XYZ(18.0009, 25.3829,
18.7025)**

Conversions

Conversions Part 1

Format	Color
Hex	59976E
RGB	89, 151, 110
RGB Percent	35%, 59%, 43%
CMY	0.6510, 0.4078, 0.5686
CMYK	0.41, 0.00, 0.27, 0.41
HSL	140°, 26%, 47%
HSV	140°, 41%, 59%
XYZ	18.0009, 25.3829, 18.7025
YIQ	127.7880, -23.7910, -25.8950

Conversions

Conversions Part 2

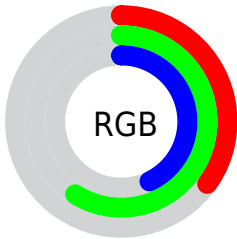
Format	Color
RYB	89, 135, 151
Decimal	5871470
CIELab	57.45, -29.44, 15.46
CIElCh	57, 33.254, 152.303
Yxy	25.3829, 0.2899, 0.4088
Android (android.graphics.Color)	4284061550 (0xFF59976E)
YUV	127.7880, -8.7695, -34.0171
Hunter-Lab	50.3814, -24.3909, 13.2575

Details

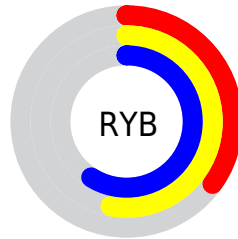
The XYZ color **18.0009, 25.3829, 18.7025** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **20.3650, 15.3363, 23.0068**, and the grayscale version is **20.4802, 21.5468, 23.4644**.

A 20% lighter version of the original color is **39.7482, 52.5020, 42.2214**, and **6.1896, 9.8555, 6.1335** is the 20% darker color. If you saturate the color by 10%, you get **16.1845, 24.5065, 15.9378**, and if you desaturate by 10%, it is **20.1772, 26.4391, 21.8050**.

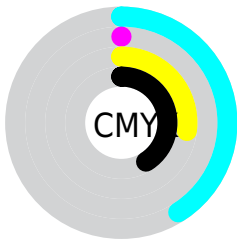
Distribution



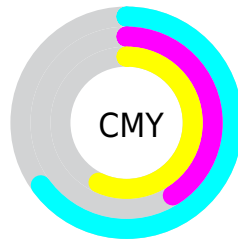
- Red (35%)
- Green (59%)
- Blue (43%)



- Red (35%)
- Yellow (53%)
- Blue (59%)



- Cyan (41%)
- Magenta (0%)
- Yellow (27%)
- Black (41%)



- Cyan (65%)
- Magenta (41%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.0009, 25.3829, 18.7025 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 18.0009, 25.3829, 18.7025 by changing the saturation by 10% instead.

■ 18.0009, 25.3829,
18.7025

■ 18.0009, 25.3829,
18.7025

233.9216,
279.7395, 257.1692

■ 11.0503, 16.3626,
11.2809

■ 39.5689, 52.2777,
42.0608

■ 6.1682, 9.7811,
6.1395

■ 54.9171, 70.9210,
58.8345

■ 2.9893, 5.2540,
2.8600

■ 73.7952, 93.5407,
79.5627

■ 1.1481, 2.3971,
1.0236

■ 96.5685, 120.5212,
104.6638

■ 0.0648, 0.8244,
0.0000

123.6025,
152.2470, 134.5565

■ 0.0000, 0.0000,
0.0000

155.2624,

189.1023, 169.6593

191.9137,
231.4717, 210.3907

■ 18.0009, 25.3829,
18.7025

■ 18.0009, 25.3829,
18.7025

■ 16.1845, 24.5065,
15.9378

■ 20.1772, 26.4391,
21.8050

■ 14.7057, 23.7966,
13.4977

■ 22.7300, 27.6814,
25.2546

■ 13.5426, 23.2429,
11.3706


■ 25.6774, 29.1196,
29.0623


■ 12.6699, 22.8326,
9.5434


■ 29.0356, 30.7619,
33.2380


■ 12.0581, 22.5507,
8.0022


■ 32.8199, 32.6159,
37.7914

 11.6679, 22.3745,
6.8526

 37.0449, 34.6890,
42.7317

 41.7243, 36.9881,
48.0678

 46.8714, 39.5198,
53.8083

 52.4989, 42.2905,
59.9617

Harmonies

Analogous

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



20.2867, 25.3829, 13.0168



18.0009, 25.3829, 18.7025



17.2987, 25.3829, 28.5218

Triad

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



18.0009, 25.3829, 18.7025



24.4325, 25.3829, 55.6010



31.1391, 25.3829, 17.5587

Complementary

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



18.0009, 25.3829, 18.7025



20.3650, 15.3363, 23.0068

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.



32.5473, 25.3829, 26.7720



18.0009, 25.3829, 18.7025



28.4208, 25.3829, 50.4282

Square

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



18.0009, 25.3829, 18.7025



20.7617, 25.3829, 51.7458



31.5026, 25.3829, 39.0433



27.8347, 25.3829, 12.4944

Rectangle

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



18.0009, 25.3829, 18.7025



17.7533, 25.3829, 36.7514



31.5026, 25.3829, 39.0433



31.8652, 25.3829, 20.1708

Sweetspot

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



18.0016, 25.3839, 18.7031



45.3225, 51.8247, 51.2061



22.1278, 27.6279, 13.6178



10.1548, 11.7076, 11.4517



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.



18.0016, 25.3839, 18.7031



29.3046, 44.0411, 29.0475



19.9702, 26.1714, 29.0696



6.2142, 6.9584, 7.0513



9.9380, 19.0386, 5.8939



0.1644, 0.2910, 0.1715

Inverse Universe

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



20.3650, 15.3363, 23.0068



34.1060, 23.5955, 37.7664



18.6037, 14.6318, 13.7321



6.3722, 6.2881, 7.3403



12.8220, 6.3830, 10.8534



0.2085, 0.1022, 0.2508

Previews

White Background



This preview shows how the XYZ color 18.0009, 25.3829, 18.7025 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 18.0009, 25.3829, 18.7025 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 18.0009, 25.3829, 18.7025

Background



This preview shows how black text looks on a background with the XYZ color 18.0009, 25.3829, 18.7025.



This preview shows how white text looks on a background with the XYZ color 18.0009, 25.3829,

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

18.0009, 25.3829, 18.7025

Protanopia

23.4770, 25.0938, 16.7029

Deuteranopia

25.5866, 25.0884, 19.4136



Tritanopia

21.3568, 25.3378, 35.6633

Trichromacy



Original Color

18.0009, 25.3829, 18.7025

Protanomaly

20.8787, 24.8222, 17.3264

Deuteranomaly

22.0448, 24.7258, 19.2335

Tritanomaly

19.8867, 25.1938, 28.6257

Monochromacy



Original Color

18.0009, 25.3829, 18.7025

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

19.1948, 22.5662, 21.4332

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.0009, 25.3829, 18.7025 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(89, 151, 110)` looks like.

```
.text, #text, p{  
    color:rgb(89, 151, 110)  
}
```

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(89, 151, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 151, 110) }
```

Border

The CSS property to change the border of an element to XYZ 18.0009, 25.3829, 18.7025 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(89, 151, 110) }
```


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

```
.border{ border-color:rgb(89, 151, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 151, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 151, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 151, 110);  
box-shadow:4px 4px 4px 4px rgb(89, 151,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 18.0009, 25.3829, 18.7025 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 151, 110) }
```

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

```
.background{ background-color: rgb(89, 151,  
110) }
```

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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