

Converting Colors

XYZ(18.0026, 25.8023, 25.4042)

Have a look what the booklet for
XYZ(18.0026, 25.8023, 25.4042)
contains.

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Color

**XYZ(17.9422, 25.6864,
25.4850)**

Conversions

Conversions Part 1

Format	Color
Hex	459983
RGB	69, 153, 131
RGB Percent	27%, 60%, 51%
CMY	0.7294, 0.4000, 0.4863
CMYK	0.55, 0.00, 0.14, 0.40
HSL	164°, 38%, 44%
HSV	164°, 55%, 60%
XYZ	17.9422, 25.6864, 25.4850
YIQ	125.3760, -43.0020, -24.6500

Conversions

Conversions Part 2

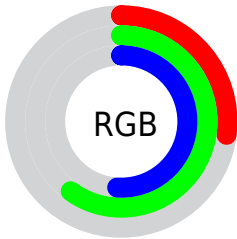
Format	Color
RYB	69, 117, 153
Decimal	4561283
CIELab	57.74, -31.01, 3.88
CIElCh	58, 31.255, 172.869
Yxy	25.6864, 0.2596, 0.3717
Android (android.graphics.Color)	4282751363 (0xFF459983)
YUV	125.3760, 2.7726, -49.4418
Hunter-Lab	50.6818, -25.5010, 5.6636

Details

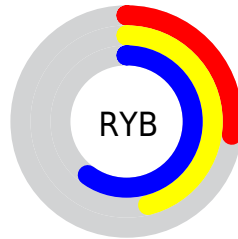
The XYZ color **17.9422, 25.6864, 25.4850** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **17.1542, 11.7845, 11.2690**, and the grayscale version is **19.6217, 20.6436, 22.4808**.

A 20% lighter version of the original color is **39.5198, 52.8575, 53.4670**, and **6.1767, 9.9166, 9.5712** is the 20% darker color. If you saturate the color by 10%, you get **16.7274, 25.0916, 24.0380**, and if you desaturate by 10%, it is **19.4488, 26.4317, 27.0016**.

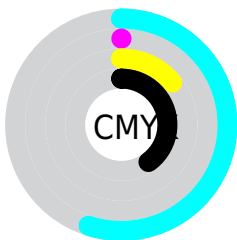
Distribution



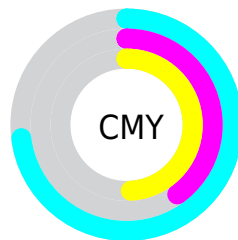
- Red (27%)
- Green (60%)
- Blue (51%)



- Red (27%)
- Yellow (46%)
- Blue (60%)



- Cyan (55%)
- Magenta (0%)
- Yellow (14%)
- Black (40%)



- Cyan (73%)
- Magenta (40%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.9422, 25.6864, 25.4850 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 17.9422, 25.6864, 25.4850 by changing the saturation by 10% instead.

■ 17.9422, 25.6864,
25.4850

■ 17.9422, 25.6864,
25.4850

233.5969,
281.2392, 293.7693

■ 11.0079, 16.5892,
16.2165

■ 39.4697, 52.7686,
53.4168

■ 6.1395, 9.9420,
9.5214

■ 54.7936, 71.5224,
72.9171

■ 2.9716, 5.3605,
4.9814

■ 73.6447, 94.2638,
96.6651

■ 1.1387, 2.4603,
2.1778

■ 96.3885, 121.3772,
125.0794

■ 0.0572, 0.8567,
0.6615

■ 123.3903,
153.2471, 158.5784

■ 0.0000, 0.0000,
0.0000

155.0154,

190.2578, 197.5807

191.6291,
232.7937, 242.5048

■ 17.9422, 25.6864,
25.4850

■ 17.9422, 25.6864,
25.4850

■ 16.7274, 25.0916,
24.0380

■ 19.4488, 26.4317,
27.0016

■ 15.7802, 24.6329,
22.6572

■ 21.2648, 27.3347,
28.5876

■ 15.0759, 24.2982,
21.3414

■ 23.4089, 28.4056,
30.2450

■ 14.5822, 24.0709,
20.0885

■ 25.8978, 29.6529,
31.9752

■ 14.3683, 23.9740,
19.4716

■ 28.7468, 31.0846,
33.7794

■ 31.9705, 32.7082,
35.6590

■ 35.5825, 34.5307,
37.6150

■ 39.5958, 36.5588,
39.6487

■ 44.0229, 38.7989,
41.7612

Harmonies

Analogous

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



19.1104, 25.6864, 17.2733



17.9422, 25.6864, 25.4850



18.3611, 25.6864, 36.7746

Triad

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



17.9422, 25.6864, 25.4850



27.3215, 25.6864, 51.6036



29.0249, 25.6864, 14.5357

Complementary

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



17.9422, 25.6864, 25.4850



17.1542, 11.7845, 11.2690

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.



31.6697, 25.6864, 20.6934



17.9422, 25.6864, 25.4850



30.6182, 25.6864, 42.3583

Square

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



17.9422, 25.6864, 25.4850



23.5310, 25.6864, 53.8341



32.2808, 25.6864, 30.6075



25.3192, 25.6864, 12.0876

Rectangle

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



17.9422, 25.6864, 25.4850



19.5068, 25.6864, 44.4790



32.2808, 25.6864, 30.6075



30.0823, 25.6864, 16.1513

Sweetspot

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



17.9429, 25.6874, 25.4856



45.7089, 52.7671, 56.8153



16.8201, 25.4578, 9.6579



9.9028, 11.5561, 12.4165



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.



17.9429, 25.6874, 25.4856



29.5059, 44.7154, 42.4427



16.6472, 20.4509, 33.2082



6.3155, 6.9989, 7.5846



11.8888, 19.8190, 16.1668



0.1923, 0.3021, 0.3184

Inverse Universe

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



17.1542, 11.7845, 11.2690



27.9700, 17.1771, 14.4143



17.7510, 14.2811, 7.4516



6.2719, 6.2479, 6.8121



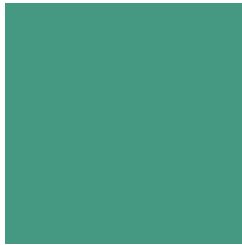
11.1872, 5.7291, 2.2447



0.1806, 0.0910, 0.1039

Previews

White Background



This preview shows how the XYZ color 17.9422, 25.6864, 25.4850 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 17.9422, 25.6864, 25.4850 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 17.9422, 25.6864, 25.4850

Background



This preview shows how black text looks on a background with the XYZ color 17.9422, 25.6864, 25.4850.



This preview shows how white text looks on a background with the XYZ color 17.9422, 25.6864,

25.4850.

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

17.9422, 25.6864, 25.4850

Protanopia

24.0224, 25.2507, 22.3466

Deuteranopia

25.7096, 25.1997, 26.4307



Tritanopia

20.4049, 25.7304, 37.6092

Trichromacy



Original Color

17.9422, 25.6864, 25.4850

Protanomaly

20.9245, 24.9332, 23.4484

Deuteranomaly

21.7072, 24.6150, 26.1613

Tritanomaly

19.3130, 25.5106, 32.7603

Monochromacy



Original Color

17.9422, 25.6864, 25.4850

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

18.3204, 21.8635, 23.3332

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.9422, 25.6864, 25.4850 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(69, 153, 131)` looks like.

```
.text, #text, p{  
    color:rgb(69, 153, 131)  
}
```

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(69, 153, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 153, 131) }
```

Border

The CSS property to change the border of an element to XYZ 17.9422, 25.6864, 25.4850 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(69, 153, 131) }
```


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

```
.border{ border-color:rgb(69, 153, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 153, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 153, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 153, 131);  
box-shadow:4px 4px 4px 4px rgb(69, 153,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 17.9422, 25.6864, 25.4850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 153, 131) }
```

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

```
.background{ background-color: rgb(69, 153,  
131) }
```

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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