

Converting Colors

XYZ(17.9382, 26.0539, 14.2300)

Have a look what the booklet for
XYZ(17.9382, 26.0539, 14.2300)
contains.

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Color

**XYZ(17.8372, 25.8823,
14.1809)**

Conversions

Conversions Part 1

Format	Color
Hex	5D995C
RGB	93, 153, 92
RGB Percent	36%, 60%, 36%
CMY	0.6353, 0.4000, 0.6392
CMYK	0.39, 0.00, 0.40, 0.40
HSL	119°, 25%, 48%
HSV	119°, 40%, 60%
XYZ	17.8372, 25.8823, 14.1809
YIQ	128.1060, -16.1790, -31.6910

Conversions

Conversions Part 2

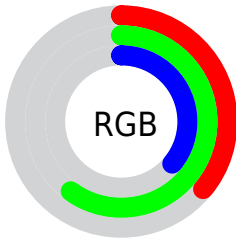
Format	Color
R_{YB}	92, 153, 152
Decimal	6134108
CIE _{Lab}	57.93, -32.38, 26.08
CIE _{LCh}	58, 41.576, 141.151
Yxy	25.8823, 0.3081, 0.4470
Android (android.graphics.Color)	4284324188 (0xFF5D995C)
YUV	128.1060, -17.8003, -30.7880
Hunter-Lab	50.8746, -26.4466, 19.0856

Details

The XYZ color **17.8372, 25.8823, 14.1809** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **22.5270, 16.6304, 32.1610**, and the grayscale version is **20.6190, 21.6928, 23.6235**.

A 20% lighter version of the original color is **39.3679, 53.2059, 34.1815**, and **6.0418, 9.9682, 4.0883** is the 20% darker color. If you saturate the color by 10%, you get **15.8586, 24.9327, 10.9427**, and if you desaturate by 10%, it is **20.2520, 27.0427, 18.1458**.

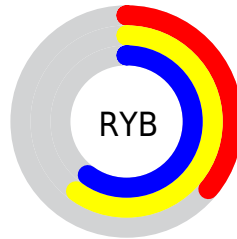
Distribution



Red (36%)

Green (60%)

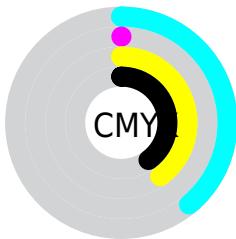
Blue (36%)



Red (36%)

Yellow (60%)

Blue (60%)

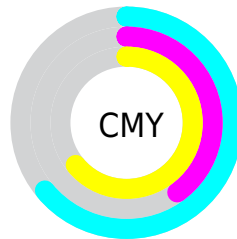


Cyan (39%)

Magenta (0%)

Yellow (40%)

Black (40%)



Cyan (64%)

Magenta (40%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.8372, 25.8823, 14.1809 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 17.8372, 25.8823, 14.1809 by changing the saturation by 10% instead.

■ 17.8372, 25.8823,
14.1809

■ 17.8372, 25.8823,
14.1809

233.0152,
282.2038, 229.8208

■ 10.9321, 16.7356,
8.1064

■ 39.2920, 53.0850,
34.1314

■ 6.0882, 10.0462,
4.0744

■ 54.5724, 71.9098,
48.8445

■ 2.9399, 5.4296,
1.6662

■ 73.3754, 94.7294,
67.2742

■ 1.1221, 2.5014,
0.3374

■ 96.0662, 121.9283,
89.8390

■ 0.0435, 0.8774,
0.0000

123.0102,
153.8908, 116.9576

■ 0.0000, 0.0000,
0.0000

154.5728,

191.0012, 149.0484

191.1194,
233.6441, 186.5299

■ 17.8372, 25.8823,
14.1809

■ 17.8372, 25.8823,
14.1809

■ 15.8586, 24.9327,
10.9427

■ 20.2520, 27.0427,
18.1458

■ 14.2885, 24.1782,
8.3855

■ 23.1248, 28.4219,
22.8758

■ 13.0988, 23.6063,
6.4613

■ 26.4782, 30.0317,
28.4090

■ 12.2573, 23.2014,
5.1149

■ 30.3329, 31.8818,
34.7801

■ 11.7264, 22.9456,
4.2818

■ 34.7082, 33.9817,
42.0219

■ 11.4266, 22.8013,
3.8046

■ 39.6226, 36.3399,
50.1655

■ 11.4231, 22.7996,
3.7987

■ 45.0934, 38.9651,
59.2405

■ 51.1374, 41.8650,
69.2749

■ 57.7706, 45.0475,
80.2958

Harmonies

Analogous

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



21.2868, 25.8823, 9.4926



17.8372, 25.8823, 14.1809



16.2596, 25.8823, 24.1486

Triad

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



17.8372, 25.8823, 14.1809



23.1486, 25.8823, 65.1574



34.7181, 25.8823, 19.3558

Complementary

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



17.8372, 25.8823, 14.1809



22.5270, 16.6304, 32.1610

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.



35.3945, 25.8823, 32.6400



17.8372, 25.8823, 14.1809



28.2411, 25.8823, 62.5192

Square

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



17.8372, 25.8823, 14.1809



19.0410, 25.8823, 55.5774



32.8876, 25.8823, 49.2609



31.1484, 25.8823, 11.6979

Rectangle

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



17.8372, 25.8823, 14.1809



16.3106, 25.8823, 33.8585



32.8876, 25.8823, 49.2609



35.3089, 25.8823, 23.1772

Sweetspot

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



17.8379, 25.8834, 14.1815



45.9157, 53.0602, 48.3956



26.2953, 29.9974, 14.5298



9.9805, 11.6403, 10.4253



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.



17.8379, 25.8834, 14.1815



28.6948, 44.7915, 20.0781



19.2866, 26.4513, 22.3348



6.1410, 6.9302, 6.6198



9.4434, 18.8441, 3.1396



0.1434, 0.2828, 0.0470

Inverse Universe

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



22.5270, 16.6304, 32.1610



38.3043, 25.8205, 56.9370



20.5725, 15.8703, 20.8887



6.4512, 6.3185, 7.8085



15.2256, 7.3001, 25.5143



0.2303, 0.1105, 0.3816

Previews

White Background



This preview shows how the XYZ color 17.8372, 25.8823, 14.1809 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 17.8372, 25.8823, 14.1809 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 17.8372, 25.8823, 14.1809

Background



This preview shows how black text looks on a background with the XYZ color 17.8372, 25.8823, 14.1809.



This preview shows how white text looks on a background with the XYZ color 17.8372, 25.8823,

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

17.8372, 25.8823, 14.1809

Protanopia

23.6748, 25.7164, 12.5201

Deuteranopia

26.0622, 25.6375, 14.8842



Tritanopia

22.1551, 25.7493, 35.7007

Trichromacy



Original Color

17.8372, 25.8823, 14.1809

Protanomaly

20.9406, 25.3969, 13.0309

Deuteranomaly

22.0911, 25.0714, 14.5014

Tritanomaly

20.1904, 25.6400, 26.0752

Monochromacy



Original Color

17.8372, 25.8823, 14.1809

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

19.1104, 22.7740, 19.6082

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.8372, 25.8823, 14.1809 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(93, 153, 92)` looks like.

```
.text, #text, p{  
    color:rgb(93, 153, 92)  
}
```

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(93, 153, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 153, 92) }
```

Border

The CSS property to change the border of an element to XYZ 17.8372, 25.8823, 14.1809 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(93, 153, 92) }
```


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

```
.border{ border-color:rgb(93, 153, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 153, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 153, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 153, 92);  
box-shadow:4px 4px 4px 4px rgb(93, 153,  
92) }
```

Background

The CSS property to change the background color of an element to XYZ 17.8372, 25.8823, 14.1809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 153, 92) }
```

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

```
.background{ background-color: rgb(93, 153,  
92) }
```

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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