

Converting Colors

XYZ(17.9402, 25.9291, 14.5086)

Have a look what the booklet for
XYZ(17.9402, 25.9291, 14.5086)
contains.

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Color

**XYZ(17.8812, 25.8999,
14.4127)**

Conversions

Conversions Part 1

Format	Color
Hex	5D995D
RGB	93, 153, 93
RGB Percent	36%, 60%, 36%
CMY	0.6353, 0.4000, 0.6353
CMYK	0.39, 0.00, 0.39, 0.40
HSL	120°, 24%, 48%
HSV	120°, 39%, 60%
XYZ	17.8812, 25.8999, 14.4127
YIQ	128.2200, -16.5000, -31.3800

Conversions

Conversions Part 2

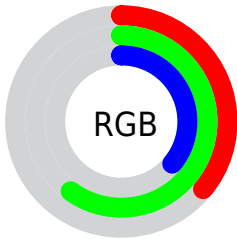
Format	Color
R_{YB}	93, 153, 153
Decimal	6134109
CIE _{Lab}	57.94, -32.22, 25.56
CIE _{LCh}	58, 41.123, 141.574
Yxy	25.8999, 0.3073, 0.4451
Android (android.graphics.Color)	4284324189 (0xFF5D995D)
YUV	128.2200, -17.3635, -30.8879
Hunter-Lab	50.8919, -26.3438, 18.8333

Details

The XYZ color **17.8812, 25.8999, 14.4127** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **22.8018, 16.9014, 32.1983**, and the grayscale version is **20.6573, 21.7330, 23.6673**.

A 20% lighter version of the original color is **39.4440, 53.2364, 34.5823**, and **6.0613, 9.9760, 4.1909** is the 20% darker color. If you saturate the color by 10%, you get **15.8736, 24.9363, 11.1284**, and if you desaturate by 10%, it is **20.3356, 27.0797, 18.4268**.

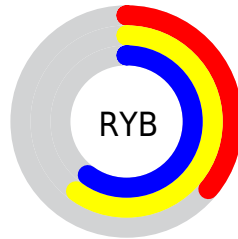
Distribution



Red (36%)

Green (60%)

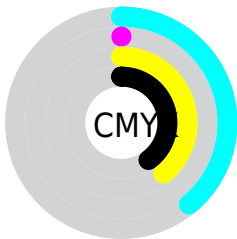
Blue (36%)



Red (36%)

Yellow (60%)

Blue (60%)

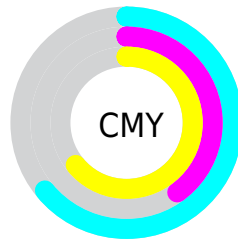


Cyan (39%)

Magenta (0%)

Yellow (39%)

Black (40%)



Cyan (64%)

Magenta (40%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.8812, 25.8999, 14.4127 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 17.8812, 25.8999, 14.4127 by changing the saturation by 10% instead.

■ 17.8812, 25.8999,
14.4127

■ 17.8812, 25.8999,
14.4127

233.2591,
282.2903, 231.3004

■ 10.9639, 16.7488,
8.2662

■ 39.3665, 53.1134,
34.5471

■ 6.1097, 10.0555,
4.1756

■ 54.6651, 71.9446,
49.3722

■ 2.9532, 5.4358,
1.7221

■ 73.4883, 94.7712,
67.9272

■ 1.1291, 2.5052,
0.3758

■ 96.2013, 121.9778,
90.6307

■ 0.0492, 0.8792,
0.0000

123.1696,
153.9485, 117.9012

■ 0.0000, 0.0000,
0.0000

154.7584,

191.0680, 150.1573

191.3331,
233.7204, 187.8175

■ 17.8812, 25.8999,
14.4127

■ 17.8812, 25.8999,
14.4127

■ 15.8736, 24.9363,
11.1284

■ 20.3356, 27.0797,
18.4268

■ 14.2841, 24.1728,
8.5284

■ 23.2593, 28.4841,
23.2091

■ 13.0838, 23.5962,
6.5651


■ 26.6758, 30.1252,
28.7973


■ 12.2392, 23.1905,
5.1836


■ 30.6062, 32.0131,
35.2261


■ 11.7114, 22.9370,
4.3201


■ 35.0705, 34.1576,
42.5282


 11.4133, 22.7938,
3.8326

 40.0877, 36.5676,
50.7347

 11.3917, 22.7835,
3.7973

 45.6758, 39.2519,
59.8749

 51.8520, 42.2186,
69.9771

 58.6327, 45.4757,
81.0680

Harmonies

Analogous

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



21.2769, 25.8999, 9.6739



17.8812, 25.8999, 14.4127



16.3429, 25.8999, 24.3876

Triad

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



17.8812, 25.8999, 14.4127



23.2470, 25.8999, 64.7263



34.5843, 25.8999, 19.3092

Complementary

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



17.8812, 25.8999, 14.4127



22.8018, 16.9014, 32.1983

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.



35.2974, 25.8999, 32.3916



17.8812, 25.8999, 14.4127



28.2897, 25.8999, 61.9529

Square

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



17.8812, 25.8999, 14.4127



19.1570, 25.8999, 55.4376



32.8621, 25.8999, 48.7892



31.0270, 25.8999, 11.7689

Rectangle

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



17.8812, 25.8999, 14.4127



16.4122, 25.8999, 34.0377



32.8621, 25.8999, 48.7892



35.1820, 25.8999, 23.0721

Sweetspot

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



17.8819, 25.9010, 14.4133



45.8279, 53.0149, 48.3917



26.5050, 30.3464, 14.8165



9.9597, 11.6295, 10.4244



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.



17.8819, 25.9010, 14.4133



28.8466, 44.8580, 20.6159



19.4813, 26.5408, 22.8356



6.1322, 6.9256, 6.6194



9.4147, 18.8293, 3.1383



0.1408, 0.2815, 0.0469

Inverse Universe

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



22.8018, 16.9014, 32.1983



38.9178, 26.4355, 57.0222



20.6271, 16.0315, 20.7467



6.4612, 6.3237, 7.8090



15.6093, 7.4979, 25.5311



0.2334, 0.1121, 0.3817

Previews

White Background



This preview shows how the XYZ color 17.8812, 25.8999, 14.4127 looks on a white background.

Color Contrast Check

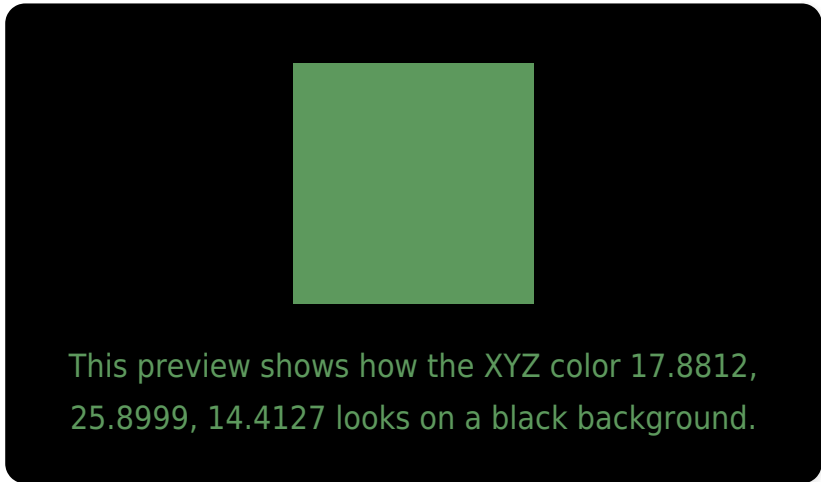
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 17.8812, 25.8999, 14.4127

Background



This preview shows how black text looks on a background with the XYZ color 17.8812, 25.8999, 14.4127.



This preview shows how white text looks on a background with the XYZ color 17.8812, 25.8999,

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

17.8812, 25.8999, 14.4127

Protanopia

23.7154, 25.7327, 12.7338

Deuteranopia

26.1092, 25.6562, 15.1313



Tritanopia

22.1551, 25.7493, 35.7007

Trichromacy



Original Color

17.8812, 25.8999, 14.4127

Protanomaly

20.9824, 25.4136, 13.2506

Deuteranomaly

22.1369, 25.0897, 14.7424

Tritanomaly

20.2598, 25.6677, 26.4408

Monochromacy



Original Color

17.8812, 25.8999, 14.4127

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 17.8812, 25.8999, 14.4127 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, 93)` looks like.

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

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, 93) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 17.8812, 25.8999, 14.4127 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, 93) }
```


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

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

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, 93)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 17.8812, 25.8999, 14.4127 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, 93) }
```

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

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

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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