

Converting Colors

XYZ(25.4894, 29.8117, 15.2373)

Have a look what the booklet for
XYZ(25.4894, 29.8117, 15.2373)
contains.

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Color

**XYZ(25.4894, 29.8117,
15.2373)**

Conversions

Conversions Part 1

Format	Color
Hex	93995F
RGB	147, 153, 95
RGB Percent	58%, 60%, 37%
CMY	0.4235, 0.4000, 0.6274
CMYK	0.04, 0.00, 0.38, 0.40
HSL	66°, 23%, 49%
HSV	66°, 38%, 60%
XYZ	25.4894, 29.8117, 15.2373
YIQ	144.5940, 15.0420, -19.3100

Conversions

Conversions Part 2

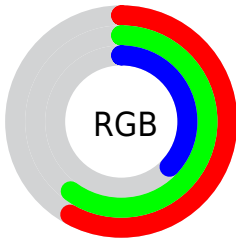
Format	Color
R_{YB}	95, 153, 101
Decimal	9673055
CIE _{Lab}	61.49, -11.58, 29.77
CIE _{LCh}	61, 31.943, 111.252
Yxy	29.8117, 0.3614, 0.4226
Android (android.graphics.Color)	4287863135 (0xFF93995F)
YUV	144.5940, -24.4498, 2.1101
Hunter-Lab	54.6001, -12.2196, 21.6739

Details

The XYZ color **25.4894, 29.8117, 15.2373** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **15.2099, 13.2518, 31.8949**, and the grayscale version is **26.8413, 28.2391, 30.7524**.

A 20% lighter version of the original color is **51.8583, 59.2575, 35.8988**, and **9.9838, 12.1409, 4.5065** is the 20% darker color. If you saturate the color by 10%, you get **24.5794, 29.4162, 11.9141**, and if you desaturate by 10%, it is **26.5414, 30.2666, 19.2814**.

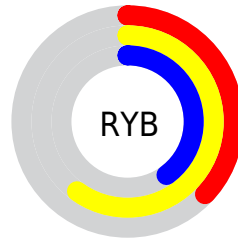
Distribution



Red (58%)

Green (60%)

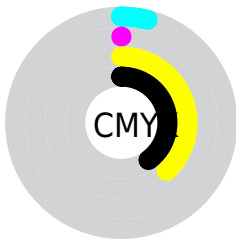
Blue (37%)



Red (37%)

Yellow (60%)

Blue (40%)

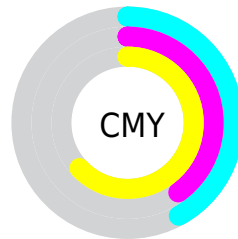


Cyan (4%)

Magenta (0%)

Yellow (38%)

Black (40%)



Cyan (42%)

Magenta (40%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.4894, 29.8117, 15.2373 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 25.4894, 29.8117, 15.2373 by changing the saturation by 10% instead.

■ 25.4894, 29.8117,
15.2373

■ 25.4894, 29.8117,
15.2373

272.5694,
301.0258, 236.4881

■ 16.5727, 19.6957,
8.8376

■ 51.8873, 59.3643,
36.0171

■ 10.0237, 12.1740,
4.5401

■ 70.0992, 79.5696,
51.2343

■ 5.4771, 6.8623,
1.9261

■ 92.1402, 103.9069,
70.2278

■ 2.5674, 3.3761,
0.5092

■ 118.3756,
132.7605, 93.4161

■ 0.9294, 1.3311,
0.0000

149.1710,
166.5148, 121.2177

■ 0.0000, 0.1651,
0.0000

184.8914,

■ 0.0000, 0.0000,

205.5541, 154.0513

0.0000

225.9025,
250.2630, 192.3352

■ 25.4894, 29.8117,
15.2373

■ 25.4894, 29.8117,
15.2373

■ 24.5794, 29.4162,
11.9141

■ 26.5414, 30.2666,
19.2814

■ 23.8011, 29.0727,
9.2677

■ 27.7407, 30.7798,
24.0835

■ 23.1464, 28.7792,
7.2519


■ 29.0948, 31.3554,
29.6802

■ 22.6054, 28.5315,
5.8140


■ 30.6101, 31.9959,
36.1054


■ 22.1662, 28.3250,
4.8929

■ 32.2927, 32.7038,
43.3908


 21.8077, 28.1513,
4.3762

 34.1483, 33.4814,
51.5666

 21.7357, 28.1162,
4.2814

 36.1825, 34.3308,
60.6615

 38.4003, 35.2542,
70.7030

 40.8069, 36.2536,
81.7172

Harmonies

Analogous

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



29.5895, 29.8117, 14.4582



25.4894, 29.8117, 15.2373



22.4561, 29.8117, 19.9599

Triad

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



25.4894, 29.8117, 15.2373



23.5456, 29.8117, 54.2137



37.1532, 29.8117, 36.1309

Complementary

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



25.4894, 29.8117, 15.2373



15.2099, 13.2518, 31.8949

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.



35.1599, 29.8117, 49.3209



25.4894, 29.8117, 15.2373



27.1167, 29.8117, 61.3365

Square

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



25.4894, 29.8117, 15.2373



21.4139, 29.8117, 41.6515



31.3851, 29.8117, 59.3522



36.6069, 29.8117, 24.7310

Rectangle

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



25.4894, 29.8117, 15.2373



21.3132, 29.8117, 25.5374



31.3851, 29.8117, 59.3522



36.7513, 29.8117, 40.5323

Sweetspot

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



25.4901, 29.8130, 15.2379



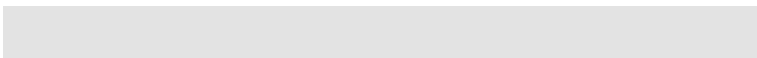
51.2689, 55.7971, 49.6737



19.8377, 16.8679, 13.0372



11.2545, 12.2924, 10.6942



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.



25.4901, 29.8130, 15.2379



44.3263, 52.8137, 22.4376



20.9563, 27.4757, 15.0257



6.6459, 7.1904, 6.6435



17.9795, 23.2446, 3.5390



0.2845, 0.3556, 0.0536

Inverse Universe

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



15.2099, 13.2518, 31.8949



23.3692, 19.0385, 56.4151



19.0182, 15.2151, 32.0731



5.9409, 6.0554, 7.7847



4.9413, 1.9984, 25.0330



0.0876, 0.0369, 0.3749

Previews

White Background



This preview shows how the XYZ color 25.4894, 29.8117, 15.2373 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 25.4894, 29.8117, 15.2373 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

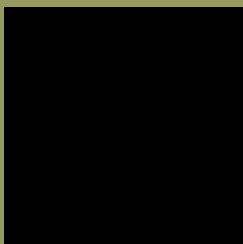
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.4894, 29.8117, 15.2373

Background



This preview shows how black text looks on a background with the XYZ color 25.4894, 29.8117, 15.2373.



This preview shows how white text looks on a background with the XYZ color 25.4894, 29.8117,

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

25.4894, 29.8117, 15.2373

Protanopia

27.4660, 29.6515, 14.6316

Deuteranopia

30.1908, 29.6740, 15.4457



Tritanopia

29.6911, 29.8621, 36.0974

Trichromacy



Original Color

25.4894, 29.8117, 15.2373

Protanomaly

26.8314, 29.7889, 14.9254

Deuteranomaly

28.3266, 29.6178, 15.2902

Tritanomaly

27.8130, 29.7954, 26.8394

Monochromacy



Original Color

25.4894, 29.8117, 15.2373

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

26.2747, 28.8231, 24.2573

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.4894, 29.8117, 15.2373 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(147, 153, 95)` looks like.

```
.text, #text, p{  
    color:rgb(147, 153, 95)  
}
```

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(147, 153, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 153, 95) }
```

Border

The CSS property to change the border of an element to XYZ 25.4894, 29.8117, 15.2373 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(147, 153, 95) }
```


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

```
.border{ border-color:rgb(147, 153, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 153, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 153, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 153, 95);  
box-shadow:4px 4px 4px 4px rgb(147, 153,  
95) }
```

Background

The CSS property to change the background color of an element to XYZ 25.4894, 29.8117, 15.2373 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 153, 95) }
```

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

```
.background{ background-color: rgb(147,  
153, 95) }
```

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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