

Converting Colors

XYZ(25.9394, 28.2527, 12.3638)

Have a look what the booklet for
XYZ(25.9394, 28.2527, 12.3638)
contains.

XYZ(25.9848, 28.2463, 12.2661)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(25.9848, 28.2463,
12.2661)**

Conversions

Conversions Part 1

Format	Color
Hex	9F9153
RGB	159, 145, 83
RGB Percent	62%, 57%, 33%
CMY	0.3765, 0.4314, 0.6745
CMYK	0.00, 0.09, 0.48, 0.38
HSL	49°, 31%, 47%
HSV	49°, 48%, 62%
XYZ	25.9848, 28.2463, 12.2661
YIQ	142.1180, 28.2460, -16.3140

Conversions

Conversions Part 2

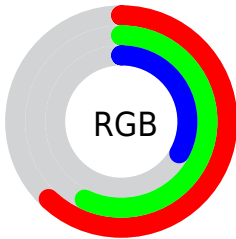
Format	Color
R_{YB}	100, 159, 83
Decimal	10457427
CIE Lab	60.11, -3.55, 34.63
CIE LCh	60, 34.814, 95.855
Yxy	28.2463, 0.3908, 0.4248
Android (android.graphics.Color)	4288647507 (0xFF9F9153)
YUV	142.1180, -29.1452, 14.8055
Hunter-Lab	53.1472, -5.7353, 23.5193

Details

The XYZ color **25.9848, 28.2463, 12.2661** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **14.0998, 12.8911, 34.5458**, and the grayscale version is **25.8624, 27.2093, 29.6309**.

A 20% lighter version of the original color is **52.7508, 57.0152, 30.7790**, and **10.3394, 11.3699, 3.2398** is the 20% darker color. If you saturate the color by 10%, you get **24.9986, 27.1461, 9.2483**, and if you desaturate by 10%, it is **27.1248, 29.4285, 16.0303**.

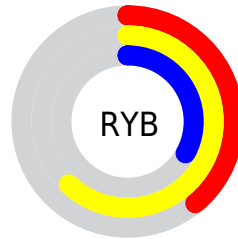
Distribution



Red (62%)

Green (57%)

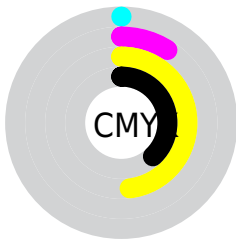
Blue (33%)



Red (39%)

Yellow (62%)

Blue (33%)

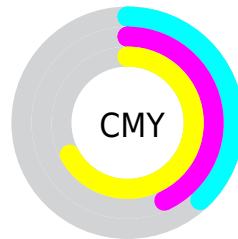


Cyan (0%)

Magenta (9%)

Yellow (48%)

Black (38%)



Cyan (38%)

Magenta (43%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.9848, 28.2463, 12.2661 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 25.9848, 28.2463, 12.2661 by changing the saturation by 10% instead.

■ 25.9848, 28.2463,
12.2661

■ 25.9848, 28.2463,
12.2661

274.9655,
293.6420, 217.1991

■ 16.9449, 18.5114,
6.8004

■ 52.6819, 56.8774,
30.6504

■ 10.2903, 11.3178,
3.2611

■ 71.0698, 76.5425,
44.4062

■ 5.6556, 6.2810,
1.2294

■ 93.3044, 100.2863,
61.7624

■ 2.6755, 3.0167,
0.0029

■ 119.7511,
128.4934, 83.1376

■ 0.9846, 1.1405,
0.0000

■ 150.7752,
161.5481, 108.9504

■ 0.0000, 0.0122,
0.0000

186.7420,

■ 0.0000, 0.0000,

199.8349, 139.6192

0.0000

228.0170,
243.7380, 175.5626

■ 25.9848, 28.2463,
12.2661

■ 25.9848, 28.2463,
12.2661

■ 24.9986, 27.1461,
9.2483

■ 27.1248, 29.4285,
16.0303

■ 24.1541, 26.1199,
6.9239

■ 28.4253, 30.6925,
20.5859

■ 23.4411, 25.1645,
5.2354

■ 29.8953, 32.0430,
25.9760

■ 22.8466, 24.2745,
4.1155

■ 31.5423, 33.4831,
32.2405

■ 22.3484, 23.4409,
3.4472

■ 33.3735, 35.0159,
39.4163

■ 22.2434, 23.2616,
3.3176

■ 35.3957, 36.6442,
47.5386

■ 37.6151, 38.3707,
56.6403

■ 40.0379, 40.1979,
66.7531

■ 42.6697, 42.1282,
77.9070

Harmonies

Analogous

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



30.4974, 28.2463, 13.3899



25.9848, 28.2463, 12.2661



22.1457, 28.2463, 14.8761

Triad

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



25.9848, 28.2463, 12.2661



20.4986, 28.2463, 47.4364



35.4262, 28.2463, 41.8941

Complementary

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



25.9848, 28.2463, 12.2661



14.0998, 12.8911, 34.5458

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.



32.1712, 28.2463, 55.1668



25.9848, 28.2463, 12.2661



23.5007, 28.2463, 58.9357

Square

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



25.9848, 28.2463, 12.2661



19.2108, 28.2463, 33.3206



27.7286, 28.2463, 62.0976



36.2789, 28.2463, 28.3254

Rectangle

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



25.9848, 28.2463, 12.2661



20.3766, 28.2463, 18.9604



27.7286, 28.2463, 62.0976



34.5604, 28.2463, 46.6423

Sweetspot

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



25.9855, 28.2476, 12.2667



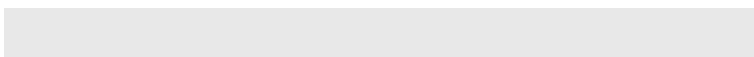
54.5447, 58.2785, 50.3006



19.6055, 14.4433, 13.3596



12.1648, 13.0218, 10.8413



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



25.9855, 28.2476, 12.2667



44.7236, 48.5620, 16.4271



24.1454, 30.6717, 12.8316



7.0663, 7.5125, 7.0633



17.5966, 18.4289, 2.6297



0.3393, 0.3789, 0.0552

Inverse Universe

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



14.0998, 12.8911, 34.5458



20.9395, 17.8573, 61.0866



15.2716, 11.7419, 34.2623



6.3787, 6.6231, 8.3489



5.3188, 2.7291, 26.1537



0.1190, 0.0965, 0.4756

Previews

White Background



This preview shows how the XYZ color 25.9848, 28.2463, 12.2661 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 25.9848, 28.2463, 12.2661 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 25.9848, 28.2463, 12.2661

Background



This preview shows how black text looks on a background with the XYZ color 25.9848, 28.2463, 12.2661.



This preview shows how white text looks on a background with the XYZ color 25.9848, 28.2463,

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

25.9848, 28.2463, 12.2661

Protanopia

25.9848, 28.2463, 12.2661

Deuteranopia

28.6327, 28.0629, 12.5019



Tritanopia

30.0168, 28.1364, 31.8658

Trichromacy



Original Color

25.9848, 28.2463, 12.2661

Protanomaly

25.9848, 28.2463, 12.2661

Deuteranomaly

27.7027, 28.2359, 12.3775

Tritanomaly

28.1204, 27.9979, 22.9908

Monochromacy



Original Color

25.9848, 28.2463, 12.2661

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

25.4864, 27.3213, 22.0194

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.9848, 28.2463, 12.2661 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(159, 145, 83)` looks like.

```
.text, #text, p{  
    color:rgb(159, 145, 83)  
}
```

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(159, 145, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 145, 83) }
```

Border

The CSS property to change the border of an element to XYZ 25.9848, 28.2463, 12.2661 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(159, 145, 83) }
```


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

```
.border{ border-color:rgb(159, 145, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 145, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 145, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 145, 83);  
box-shadow:4px 4px 4px 4px rgb(159, 145,  
83) }
```

Background

The CSS property to change the background color of an element to XYZ 25.9848, 28.2463, 12.2661 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 145, 83) }
```

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

```
.background{ background-color: rgb(159,  
145, 83) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor