

Converting Colors

XYZ(25.5549, 27.9136, 12.1766)

Have a look what the booklet for
XYZ(25.5549, 27.9136, 12.1766)
contains.

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Color

**XYZ(25.5914, 28.0434,
12.2477)**

Conversions

Conversions Part 1

Format	Color
Hex	9D9153
RGB	157, 145, 83
RGB Percent	62%, 57%, 33%
CMY	0.3843, 0.4314, 0.6745
CMYK	0.00, 0.08, 0.47, 0.38
HSL	50°, 31%, 47%
HSV	50°, 47%, 62%
XYZ	25.5914, 28.0434, 12.2477
YIQ	141.5200, 27.0540, -16.7380

Conversions

Conversions Part 2

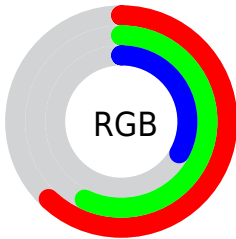
Format	Color
R_{YB}	97, 157, 83
Decimal	10326355
CIE _{Lab}	59.93, -4.41, 34.37
CIE _{LCh}	60, 34.647, 97.312
Yxy	28.0434, 0.3884, 0.4257
Android (android.graphics.Color)	4288516435 (0xFF9D9153)
YUV	141.5200, -28.8504, 13.5760
Hunter-Lab	52.9560, -6.4115, 23.3566

Details

The XYZ color **25.5914, 28.0434, 12.2477** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **13.7453, 12.4574, 33.5785**, and the grayscale version is **25.6249, 26.9594, 29.3588**.

A 20% lighter version of the original color is **52.1671, 56.7142, 30.7517**, and **10.1045, 11.2488, 3.2288** is the 20% darker color. If you saturate the color by 10%, you get **24.6683, 27.0598, 9.2807**, and if you desaturate by 10%, it is **26.6619, 29.1019, 15.9418**.

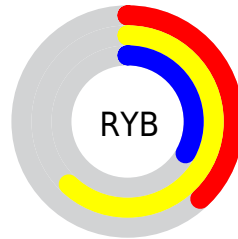
Distribution



Red (62%)

Green (57%)

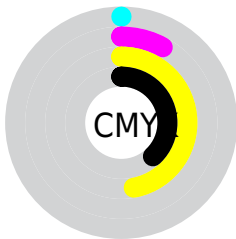
Blue (33%)



Red (38%)

Yellow (62%)

Blue (33%)

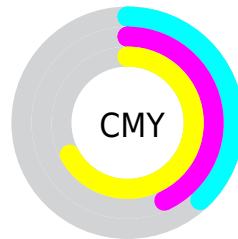


Cyan (0%)

Magenta (8%)

Yellow (47%)

Black (38%)



Cyan (38%)

Magenta (43%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.5914, 28.0434, 12.2477 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 25.5914, 28.0434, 12.2477 by changing the saturation by 10% instead.

■ 25.5914, 28.0434,
12.2477

■ 25.5914, 28.0434,
12.2477

273.0641,
292.6742, 217.0741

■ 16.6493, 18.3584,
6.7880

■ 52.0511, 56.5537,
30.6166

■ 10.0785, 11.2076,
3.2535

■ 70.2993, 76.1478,
44.3628

■ 5.5137, 6.2066,
1.2255

■ 92.3803, 99.8137,
61.7084

■ 2.5895, 2.9711,
0.0000

■ 118.6594,
127.9358, 83.0717

■ 0.9406, 1.1167,
0.0000

■ 149.5020,
160.8985, 108.8714

■ 0.0000, 0.0000,
0.0000

185.2734,

199.0863, 139.5260

226.3390,
242.8834, 175.4541

■ 25.5914, 28.0434,
12.2477

■ 25.5914, 28.0434,
12.2477

■ 24.6683, 27.0598,
9.2807

■ 26.6619, 29.1019,
15.9418

■ 23.8810, 26.1434,
6.9895

■ 27.8863, 30.2350,
20.4059

■ 23.2197, 25.2911,
5.3191

■ 29.2731, 31.4472,
25.6820

■ 22.6721, 24.4980,
4.2049

■ 30.8297, 32.7415,
31.8082

■ 22.2183, 23.7560,
3.5436

■ 32.5629, 34.1208,
38.8204

■ 22.0948, 23.5484,
3.3808

■ 34.4792, 35.5876,
46.7524

■ 36.5847, 37.1447,
55.6361

■ 38.8852, 38.7942,
65.5020

■ 41.3864, 40.5387,
76.3793

Harmonies

Analogous

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



30.0547, 28.0434, 13.1837



25.5914, 28.0434, 12.2477



21.8453, 28.0434, 15.0262

Triad

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



25.5914, 28.0434, 12.2477



20.4725, 28.0434, 47.7141



35.2525, 28.0434, 40.8728

Complementary

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



25.5914, 28.0434, 12.2477



13.7453, 12.4574, 33.5785

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.



32.1221, 28.0434, 54.1607



25.5914, 28.0434, 12.2477



23.5208, 28.0434, 58.8093

Square

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



25.5914, 28.0434, 12.2477



19.1087, 28.0434, 33.7254



27.7465, 28.0434, 61.4466



35.9635, 28.0434, 27.5515

Rectangle

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



25.5914, 28.0434, 12.2477



20.1457, 28.0434, 19.2235



27.7465, 28.0434, 61.4466



34.4328, 28.0434, 45.5885

Sweetspot

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



25.5921, 28.0447, 12.2483



53.1917, 56.9672, 48.9766



19.0789, 14.1872, 12.6393



11.5855, 12.4348, 10.3132



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



25.5921, 28.0447, 12.2483



44.0319, 48.2978, 16.1735



23.1865, 29.6711, 12.6890



7.0786, 7.5371, 7.0674



17.9676, 19.1707, 2.7533



0.3436, 0.3874, 0.0567

Inverse Universe

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



13.7453, 12.4574, 33.5785



20.1102, 16.8468, 59.3186



15.3232, 11.7885, 33.3662



6.3673, 6.6004, 8.3451



5.2522, 2.5959, 26.1315



0.1153, 0.0892, 0.4744

Previews

White Background



This preview shows how the XYZ color 25.5914, 28.0434, 12.2477 looks on a white background.

Color Contrast Check

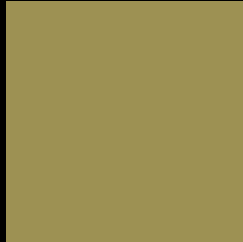
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.5914, 28.0434, 12.2477 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

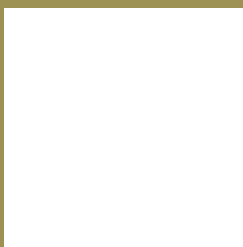
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.5914, 28.0434, 12.2477

Background



This preview shows how black text looks on a background with the XYZ color 25.5914, 28.0434, 12.2477.



This preview shows how white text looks on a background with the XYZ color 25.5914, 28.0434,

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

25.5914, 28.0434, 12.2477

Protanopia

25.7873, 28.1444, 12.2569

Deuteranopia

28.6327, 28.0629, 12.5019



Tritanopia

29.6008, 27.9220, 31.8463

Trichromacy



Original Color

25.5914, 28.0434, 12.2477

Protanomaly

25.7873, 28.1444, 12.2569

Deuteranomaly

27.4873, 28.1249, 12.3674

Tritanomaly

27.7141, 27.7885, 22.9718

Monochromacy



Original Color

25.5914, 28.0434, 12.2477

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

25.3063, 27.2284, 22.0110

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.5914, 28.0434, 12.2477 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(157, 145, 83)` looks like.

```
.text, #text, p{  
    color:rgb(157, 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(157, 145, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 145, 83) }
```

Border

The CSS property to change the border of an element to XYZ 25.5914, 28.0434, 12.2477 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(157, 145, 83) }
```


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

```
.border{ border-color:rgb(157, 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(157, 145, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 145, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 145, 83);  
box-shadow:4px 4px 4px 4px rgb(157, 145,  
83) }
```

Background

The CSS property to change the background color of an element to XYZ 25.5914, 28.0434, 12.2477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 145, 83) }
```

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

```
.background{ background-color: rgb(157,  
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](#).

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