

Converting Colors

XYZ(25.4079, 25.3576, 14.3892)

Have a look what the booklet for
XYZ(25.4079, 25.3576, 14.3892)
contains.

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Color

**XYZ(25.3534, 25.2827,
14.3702)**

Conversions

Conversions Part 1

Format	Color
Hex	A2855F
RGB	162, 133, 95
RGB Percent	64%, 52%, 37%
CMY	0.3647, 0.4784, 0.6274
CMYK	0.00, 0.18, 0.41, 0.36
HSL	34°, 26%, 50%
HSV	34°, 41%, 64%
XYZ	25.3534, 25.2827, 14.3702
YIQ	137.3390, 29.4820, -5.6700

Conversions

Conversions Part 2

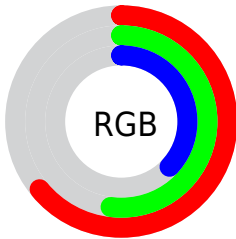
Format	Color
R_{YB}	146, 162, 95
Decimal	10650975
CIE _{Lab}	57.35, 5.70, 24.64
CIE _{LCh}	57, 25.288, 76.977
Yxy	25.2827, 0.3900, 0.3889
Android (android.graphics.Color)	4288841055 (0xFFA2855F)
YUV	137.3390, -20.8731, 21.6277
Hunter-Lab	50.2819, 2.0109, 18.2527

Details

The XYZ color **25.3534, 25.2827, 14.3702** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **18.4483, 19.4561, 36.9655**, and the grayscale version is **23.9755, 25.2241, 27.4691**.

A 20% lighter version of the original color is **51.6607, 52.0986, 34.5273**, and **10.0105, 9.8053, 4.1613** is the 20% darker color. If you saturate the color by 10%, you get **23.7644, 23.1630, 10.5776**, and if you desaturate by 10%, it is **27.1610, 27.5942, 18.9917**.

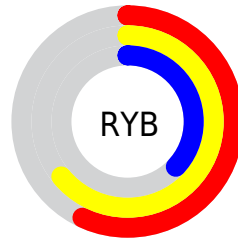
Distribution



Red (64%)

Green (52%)

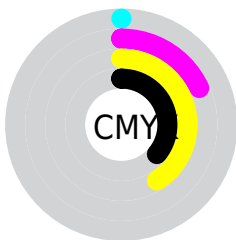
Blue (37%)



Red (57%)

Yellow (64%)

Blue (37%)

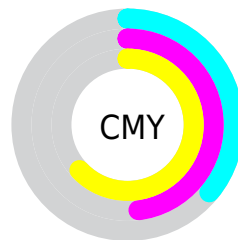


Cyan (0%)

Magenta (18%)

Yellow (41%)

Black (36%)



Cyan (36%)


Magenta (48%)


Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.3534, 25.2827, 14.3702 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 25.3534, 25.2827, 14.3702 by changing the saturation by 10% instead.


 25.3534, 25.2827,
14.3702


 25.3534, 25.2827,
14.3702


271.9086,
279.2429, 231.0298


 16.4707, 16.2878,
8.2369


 51.6687, 52.1155,
34.4710


 9.9508, 9.7280,
4.1570


 69.8321, 70.7221,
49.2756

 5.4284, 5.2190,
1.7118

 91.8196, 93.3015,
67.8077

 2.5380, 2.3763,
0.3688

 117.9968,
120.2380, 90.4858

 0.9145, 0.8137,
0.0000

148.7289,
151.9160, 117.7286

 0.0000, 0.0000,
0.0000

184.3814,

188.7199, 149.9545

225.3195,
231.0340, 187.5820

■ 25.3534, 25.2827,
14.3702

■ 25.3534, 25.2827,
14.3702

■ 23.7644, 23.1630,
10.5776

■ 27.1610, 27.5942,
18.9917

■ 22.3811, 21.2253,
7.5617

■ 29.1951, 30.0998,
24.4871

■ 21.1924, 19.4639,
5.2664

■ 31.4657, 32.8064,
30.8998

■ 20.1848, 17.8712,
3.6274

■ 33.9814, 35.7191,
38.2700

■ 19.3425, 16.4390,
2.5691

■ 36.7505, 38.8432,
46.6354

■ 18.7179, 15.3166,
1.9699

■ 39.7807, 42.1834,
56.0316

■ 43.0795, 45.7444,
66.4926

■ 46.6540, 49.5308,
78.0507

■ 50.5110, 53.5469,
90.7368

Harmonies

Analogous

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



28.1833, 25.2827, 17.1344



25.3534, 25.2827, 14.3702



22.3858, 25.2827, 14.5622

Triad

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



25.3534, 25.2827, 14.3702



18.9266, 25.2827, 32.6374



28.4973, 25.2827, 40.4032

Complementary

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



25.3534, 25.2827, 14.3702



18.4483, 19.4561, 36.9655

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.



25.7537, 25.2827, 46.5362



25.3534, 25.2827, 14.3702



20.3070, 25.2827, 41.4526

Square

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



25.3534, 25.2827, 14.3702



18.8389, 25.2827, 23.9724



22.7543, 25.2827, 46.9560



30.0975, 25.2827, 31.4201

Rectangle

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



25.3534, 25.2827, 14.3702



20.7263, 25.2827, 16.3311



22.7543, 25.2827, 46.9560



27.6683, 25.2827, 42.9410

Sweetspot

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



25.3540, 25.2839, 14.3707



56.7474, 59.1151, 55.0144



22.6328, 17.3221, 21.2307



12.6278, 13.1385, 12.0200



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



25.3540, 25.2839, 14.3707



43.2522, 42.2005, 19.4539



28.9949, 33.8888, 15.8397



7.3915, 7.7214, 7.4809



14.7899, 12.1536, 1.5664



0.3566, 0.3470, 0.0482

Inverse Universe

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



18.4483, 19.4561, 36.9655



28.9299, 30.1238, 66.3458



15.8107, 13.4723, 35.9495



6.9408, 7.3406, 8.9541



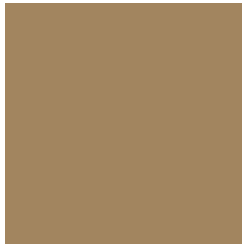
6.9101, 5.5996, 27.6464



0.1918, 0.2109, 0.5964

Previews

White Background



This preview shows how the XYZ color 25.3534, 25.2827, 14.3702 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 25.3534, 25.2827, 14.3702 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 25.3534, 25.2827, 14.3702

Background



This preview shows how black text looks on a background with the XYZ color 25.3534, 25.2827, 14.3702.



This preview shows how white text looks on a background with the XYZ color 25.3534, 25.2827,

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

25.3534, 25.2827, 14.3702

Protanopia

23.6406, 25.4296, 14.9717

Deuteranopia

25.8339, 25.3281, 14.3537



Tritanopia

27.9604, 25.3515, 27.0866

Trichromacy



Original Color

25.3534, 25.2827, 14.3702

Protanomaly

24.2419, 25.3229, 14.6764

Deuteranomaly

25.6267, 25.2213, 14.3440

Tritanomaly

27.0125, 25.3697, 21.8855

Monochromacy



Original Color

25.3534, 25.2827, 14.3702

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

24.1711, 25.1245, 21.9879

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.3534, 25.2827, 14.3702 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(162, 133, 95)` looks like.

```
.text, #text, p{  
    color:rgb(162, 133, 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(162, 133, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 133, 95) }
```

Border

The CSS property to change the border of an element to XYZ 25.3534, 25.2827, 14.3702 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(162, 133, 95) }
```


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

```
.border{ border-color:rgb(162, 133, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 133, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 133, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 133, 95);  
box-shadow:4px 4px 4px 4px rgb(162, 133,  
95) }
```

Background

The CSS property to change the background color of an element to XYZ 25.3534, 25.2827, 14.3702 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 133, 95) }
```

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

```
.background{ background-color: rgb(162,  
133, 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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