

Converting Colors

XYZ(28.4534, 29.2567, 24.2261)

Have a look what the booklet for
XYZ(28.4534, 29.2567, 24.2261)
contains.

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Color

**XYZ(28.4534, 29.2567,
24.2261)**

Conversions

Conversions Part 1

Format	Color
Hex	A0917F
RGB	160, 145, 127
RGB Percent	63%, 57%, 50%
CMY	0.3725, 0.4314, 0.5020
CMYK	0.00, 0.09, 0.21, 0.37
HSL	33°, 15%, 56%
HSV	33°, 21%, 63%
XYZ	28.4534, 29.2567, 24.2261
YIQ	147.4330, 14.7180, -2.4180

Conversions

Conversions Part 2

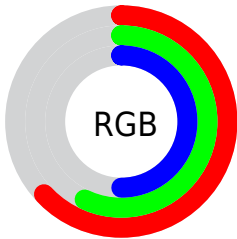
Format	Color
R_{YB}	155, 160, 127
Decimal	10523007
CIELab	61.01, 2.55, 11.58
CIElCh	61, 11.858, 77.582
Yxy	29.2567, 0.3473, 0.3571
Android (android.graphics.Color)	4288713087 (0xFFA0917F)
YUV	147.4330, -10.0735, 11.0213
Hunter-Lab	54.0895, -0.7578, 11.3073

Details

The XYZ color **28.4534, 29.2567, 24.2261** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.7704, 26.3955, 37.0473**, and the grayscale version is **27.9493, 29.4049, 32.0219**.

A 20% lighter version of the original color is **56.6860, 58.5892, 51.5012**, and **11.6517, 11.9226, 8.8949** is the 20% darker color. If you saturate the color by 10%, you get **26.4168, 26.7218, 18.8047**, and if you desaturate by 10%, it is **30.7283, 32.0028, 30.5447**.

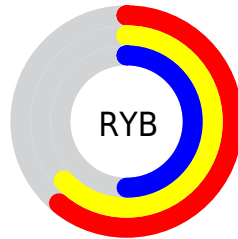
Distribution



Red (63%)

Green (57%)

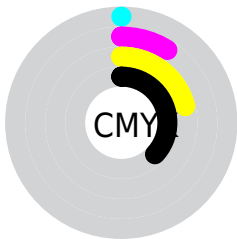
Blue (50%)



Red (61%)

Yellow (63%)

Blue (50%)

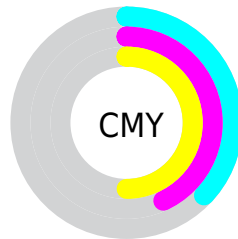


Cyan (0%)

Magenta (9%)

Yellow (21%)

Black (37%)



Cyan (37%)

Magenta (43%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.4534, 29.2567, 24.2261 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 28.4534, 29.2567, 24.2261 by changing the saturation by 10% instead.

■ 28.4534, 29.2567,
24.2261

■ 28.4534, 29.2567,
24.2261

286.6681,
298.4242, 287.2849

■ 18.8099, 19.2751,
15.2877

■ 56.6111, 58.4847,
51.3474

■ 11.6362, 11.8692,
8.8727

■ 75.8560, 78.4999,
70.3673

■ 6.5669, 6.6547,
4.5625

■ 99.0322, 102.6283,
93.5848

■ 3.2367, 3.2471,
1.9388

126.5048,
131.2545, 121.4184

■ 1.2801, 1.2621,
0.5172

158.6394,
164.7628, 154.2867

■ 0.1683, 0.1115,
0.0000

195.8012,

■ 0.0000, 0.0000,

203.5376, 192.6081

0.0000

238.3557,
247.9633, 236.8014

■ 28.4534, 29.2567,
24.2261

■ 28.4534, 29.2567,
24.2261

■ 26.4168, 26.7218,
18.8047

■ 30.7283, 32.0028,
30.5447

■ 24.6071, 24.3882,
14.2372

■ 33.2478, 34.9615,
37.7974

■ 23.0153, 22.2514,
10.4792

■ 36.0206, 38.1395,
46.0213

■ 21.6306, 20.3047,
7.4819

■ 39.0547, 41.5417,
55.2509

■ 20.4416, 18.5412,
5.1908

■ 42.3572, 45.1731,
65.5192

■ 19.4350, 16.9533,
3.5443

■ 45.9352, 49.0382,
76.8573

■ 18.5957, 15.5323,
2.4699

■ 49.7955, 53.1416,
89.2954

■ 17.9289, 14.3369,
1.8223

■ 53.9443, 57.4876,
102.8608

■ 55.7039, 61.0068,
103.4473

Harmonies

Analogous

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



29.8667, 29.2567, 25.9609



28.4534, 29.2567, 24.2261



26.9171, 29.2567, 24.3923

Triad

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



28.4534, 29.2567, 24.2261



25.0623, 29.2567, 34.5040



30.0663, 29.2567, 37.9665

Complementary

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



28.4534, 29.2567, 24.2261



24.7704, 26.3955, 37.0473

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.



28.7176, 29.2567, 40.7042



28.4534, 29.2567, 24.2261



25.8454, 29.2567, 38.5811

Square

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



28.4534, 29.2567, 24.2261



24.9975, 29.2567, 30.0553



27.1717, 29.2567, 40.9391



30.8208, 29.2567, 33.7264

Rectangle

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



28.4534, 29.2567, 24.2261



26.0293, 29.2567, 25.5592



27.1717, 29.2567, 40.9391



29.6651, 29.2567, 39.1094

Sweetspot

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



28.4542, 29.2580, 24.2267



57.8000, 60.4810, 61.1834



26.9995, 24.6177, 29.0779



12.6169, 13.1944, 13.2477



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.



28.4542, 29.2580, 24.2267



49.8146, 50.8402, 39.0076



30.6801, 34.0349, 25.0314



6.9178, 7.2157, 7.0138



14.0107, 11.2571, 1.4344



0.2925, 0.2853, 0.0396

Inverse Universe

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



24.7704, 26.3955, 37.0473



41.8304, 44.6366, 66.7976



22.8520, 22.3142, 36.3606



6.5206, 6.9069, 8.3962



6.8271, 5.7457, 26.6564



0.1638, 0.1863, 0.4906

Previews

White Background



This preview shows how the XYZ color 28.4534, 29.2567, 24.2261 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 28.4534, 29.2567, 24.2261 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

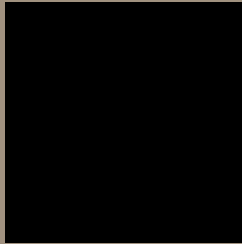
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.4534, 29.2567, 24.2261

Background



This preview shows how black text looks on a background with the XYZ color 28.4534, 29.2567, 24.2261.



This preview shows how white text looks on a background with the XYZ color 28.4534, 29.2567,

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

28.4534, 29.2567, 24.2261

Protanopia

27.6564, 29.2960, 24.6191

Deuteranopia

29.9315, 29.3395, 24.5076



Tritanopia

30.2966, 29.1033, 33.7265

Trichromacy



Original Color

28.4534, 29.2567, 24.2261

Protanomaly

27.8855, 29.1842, 24.5855

Deuteranomaly

29.4446, 29.3104, 24.5277

Tritanomaly

29.5312, 29.0106, 30.0297

Monochromacy



Original Color

28.4534, 29.2567, 24.2261

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

27.9614, 29.1266, 28.9592

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.4534, 29.2567, 24.2261 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(160, 145, 127)` looks like.

```
.text, #text, p{  
    color:rgb(160, 145, 127)  
}
```

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(160, 145, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 145, 127) }
```

Border

The CSS property to change the border of an element to XYZ 28.4534, 29.2567, 24.2261 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(160, 145, 127) }
```


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

```
.border{ border-color:rgb(160, 145, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 145, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 145, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 145, 127);  
box-shadow:4px 4px 4px 4px rgb(160, 145,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 28.4534, 29.2567, 24.2261 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 145, 127) }
```

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

```
.background{ background-color: rgb(160,  
145, 127) }
```

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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