

Converting Colors

XYZ(28.5230, 25.8416, 24.9076)

Have a look what the booklet for
XYZ(28.5230, 25.8416, 24.9076)
contains.

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Color

**XYZ(28.5246, 25.8853,
24.9657)**

Conversions

Conversions Part 1

Format	Color
Hex	AA8183
RGB	170, 129, 131
RGB Percent	67%, 51%, 51%
CMY	0.3333, 0.4941, 0.4863
CMYK	0.00, 0.24, 0.23, 0.33
HSL	357°, 19%, 59%
HSV	357°, 24%, 67%
XYZ	28.5246, 25.8853, 24.9657
YIQ	141.4870, 23.7940, 9.3140

Conversions

Conversions Part 2

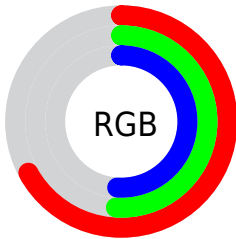
Format	Color
R_{YB}	170, 129, 131
Decimal	11174275
CIE _{Lab}	57.93, 16.10, 5.05
CIE _{LCh}	58, 16.876, 17.412
Yxy	25.8853, 0.3594, 0.3261
Android (android.graphics.Color)	4289364355 (0xFFAA8183)
YUV	141.4870, -5.1701, 25.0059
Hunter-Lab	50.8776, 11.0405, 6.5206

Details

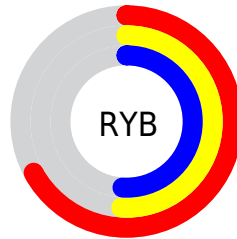
The XYZ color **28.5246, 25.8853, 24.9657** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **30.4970, 36.2444, 42.4362**, and the grayscale version is **25.5225, 26.8517, 29.2415**.

A 20% lighter version of the original color is **56.7437, 53.0853, 52.6032**, and **11.6551, 9.9831, 9.2953** is the 20% darker color. If you saturate the color by 10%, you get **25.4570, 21.3693, 18.9510**, and if you desaturate by 10%, it is **32.1373, 31.2173, 32.0068**.

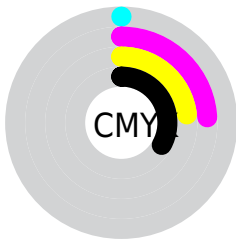
Distribution



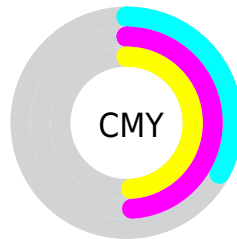
- Red (67%)
- Green (51%)
- Blue (51%)



- Red (67%)
- Yellow (51%)
- Blue (51%)



- Cyan (0%)
- Magenta (24%)
- Yellow (23%)
- Black (33%)





- Cyan (33%)
- Magenta (49%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.5246, 25.8853, 24.9657 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 28.5246, 25.8853, 24.9657 by changing the saturation by 10% instead.


 28.5246, 25.8853,
24.9657


 28.5246, 25.8853,
24.9657

287.0001,
282.2186, 291.1093


 18.8640, 16.7379,
15.8327


 56.7237, 53.0898,
52.5650

 11.6754, 10.0478,
9.2528


 75.9929, 71.9157,
71.8684

 6.5937, 5.4306,
4.8074


 99.1956, 94.7366,
95.3990

 3.2534, 2.5021,
2.0779

126.6973,
121.9367, 123.5754

 1.2891, 0.8777,
0.6026

158.8632,
153.9006, 156.8161

 0.1751, 0.0000,
0.0000

196.0587,

 0.0000, 0.0000,

191.0126, 195.5396

0.0000

238.6492,
233.6571, 240.1645

■ 28.5246, 25.8853,
24.9657

■ 28.5246, 25.8853,
24.9657

■ 25.4570, 21.3693,
18.9510

■ 32.1373, 31.2173,
32.0068

■ 22.9060, 17.6256,
13.9133

■ 36.3175, 37.3988,
40.1173

■ 20.8439, 14.6121,
9.8015

■ 41.0890, 44.4661,
49.3399

■ 19.2393, 12.2811,
6.5592

■ 46.4734, 52.4521,
59.7142

■ 18.0573, 10.5793,
4.1238

■ 52.4916, 61.3881,
71.2783

■ 17.2580, 9.4455,
2.4245

■ 59.1632, 71.3039,
84.0681

■ 16.7938, 8.8063,
1.3782

■ 66.5069, 82.2280,
98.1181

■ 16.6230, 8.5642,
1.0147

■ 70.3877, 87.2861,
107.7458

Harmonies

Analogous

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



28.6187, 25.8853, 30.6955



28.5246, 25.8853, 24.9657



27.3443, 25.8853, 20.7200

Triad

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



28.5246, 25.8853, 24.9657



21.8361, 25.8853, 21.2675



23.7611, 25.8853, 40.5829

Complementary

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



28.5246, 25.8853, 24.9657



30.4970, 36.2444, 42.4362

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.



22.0517, 25.8853, 37.2562



28.5246, 25.8853, 24.9657



20.9821, 25.8853, 25.8147

Square

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



28.5246, 25.8853, 24.9657



23.4519, 25.8853, 18.7956



21.0587, 25.8853, 31.6691



25.7915, 25.8853, 40.2727

Rectangle

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



28.5246, 25.8853, 24.9657



26.1353, 25.8853, 19.0607



21.0587, 25.8853, 31.6691



23.1321, 25.8853, 39.8357

Sweetspot

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



28.5253, 25.8865, 24.9662



63.4987, 64.3118, 68.1474



31.2445, 26.9234, 41.5804



14.0616, 14.1956, 15.0055



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



28.5253, 25.8865, 24.9662



48.6242, 42.3548, 39.1677



31.0447, 31.1397, 25.1447



7.5454, 7.5480, 7.9231



12.2341, 6.3024, 0.7785



0.3021, 0.1551, 0.0425

Inverse Universe

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



28.5253, 25.8865, 24.9662



48.6242, 42.3548, 39.1677



27.4654, 29.8812, 42.3505



7.5454, 7.5480, 7.9231



12.2341, 6.3024, 0.7785



0.3021, 0.1551, 0.0425

Previews

White Background



This preview shows how the XYZ color 28.5246, 25.8853, 24.9657 looks on a white background.

Color Contrast Check

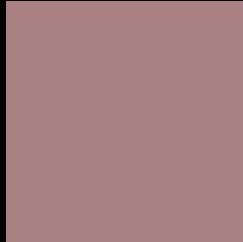
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.5246, 25.8853, 24.9657 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 28.5246, 25.8853, 24.9657

Background



This preview shows how black text looks on a background with the XYZ color 28.5246, 25.8853, 24.9657.



This preview shows how white text looks on a background with the XYZ color 28.5246, 25.8853,

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

28.5246, 25.8853, 24.9657

Protanopia

25.0042, 26.0825, 27.0091

Deuteranopia

26.4035, 26.0076, 24.7474



Tritanopia

29.1012, 25.9312, 27.5162

Trichromacy



Original Color

28.5246, 25.8853, 24.9657

Protanomaly

26.1039, 25.8215, 26.1625

Deuteranomaly

27.1147, 25.9638, 24.7015

Tritanomaly

28.8869, 25.8455, 26.3879

Monochromacy



Original Color

28.5246, 25.8853, 24.9657

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

26.4099, 26.3729, 27.3654

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.5246, 25.8853, 24.9657 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(170, 129, 131)` looks like.

```
.text, #text, p{  
    color:rgb(170, 129, 131)  
}
```

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(170, 129, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 129, 131) }
```

Border

The CSS property to change the border of an element to XYZ 28.5246, 25.8853, 24.9657 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(170, 129, 131) }
```


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

```
.border{ border-color:rgb(170, 129, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 129, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 129, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 129, 131);  
box-shadow:4px 4px 4px 4px rgb(170, 129,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 28.5246, 25.8853, 24.9657 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 129, 131) }
```

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

```
.background{ background-color: rgb(170,  
129, 131) }
```

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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