

Converting Colors

XYZ(29.6317, 29.6739, 25.6388)

Have a look what the booklet for
XYZ(29.6317, 29.6739, 25.6388)
contains.

| | |
|--|----|
| XYZ(29.5870, 29.5845, 25.6237) | 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(29.5870, 29.5845,
25.6237)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | A59083 |
| RGB | 165, 144, 131 |
| RGB Percent | 65%, 56%, 51% |
| CMY | 0.3529, 0.4353, 0.4863 |
| CMYK | 0.00, 0.13, 0.21, 0.35 |
| HSL | 23°, 16%, 58% |
| HSV | 23°, 21%, 65% |
| XYZ | 29.5870, 29.5845, 25.6237 |
| YIQ | 148.7970, 16.6890, 0.4090 |

Conversions

Conversions Part 2

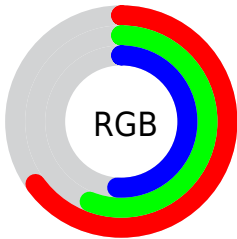
| Format | Color |
|-------------------------------------|--|
| RYB | 165, 152, 131 |
| Decimal | 10850435 |
| CIELab | 61.29, 5.70, 9.79 |
| CIELCh | 61, 11.326, 59.788 |
| Yxy | 29.5845, 0.3489, 0.3489 |
| Android (android.graphics.Color) | 4289040515 (0xFFA59083) |
| YUV | 148.7970, -8.7739, 14.2100 |
| Hunter-Lab | 54.3916, 1.9119, 10.1428 |

Details

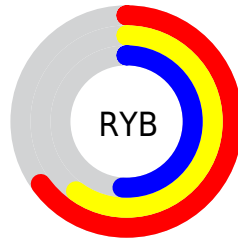
The XYZ color **29.5870, 29.5845, 25.6237** is a light color, and the websafe version is hex **999999**. A complement of this color would be **27.3796, 29.9976, 39.9445**, and the grayscale version is **28.5131, 29.9980, 32.6679**.

A 20% lighter version of the original color is **58.3610, 59.0645, 53.6720**, and **12.3357, 12.1253, 9.6729** is the 20% darker color. If you saturate the color by 10%, you get **27.0825, 26.2247, 19.7040**, and if you desaturate by 10%, it is **32.4106, 33.2969, 32.5291**.

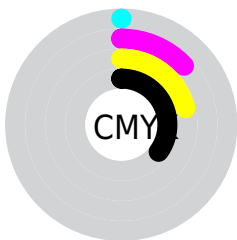
Distribution



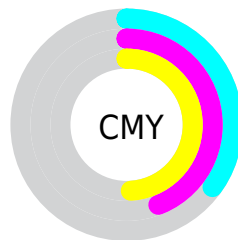
- Red (65%)
- Green (56%)
- Blue (51%)



- Red (65%)
- Yellow (60%)
- Blue (51%)



- Cyan (0%)
- Magenta (13%)
- Yellow (21%)
- Black (35%)





- Cyan (35%)
- Magenta (44%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.5870, 29.5845, 25.6237 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 29.5870, 29.5845, 25.6237 by changing the saturation by 10% instead.


 29.5870, 29.5845,
25.6237

 29.5870, 29.5845,
25.6237


291.9191,
299.9629, 294.4764


 19.6718, 19.5234,
16.3191

 58.3996, 59.0045,
53.6439

 12.2636, 12.0491,
9.5934


 78.0276, 79.1321,
73.1965

 6.9969, 6.7771,
5.0282


 101.6241,
103.3842, 97.0023

 3.5065, 3.3231,
2.2048

129.5543,
132.1449, 125.4797

 1.4269, 1.3027,
0.6771

162.1835,
165.7987, 159.0472

 0.2753, 0.1433,
0.0000

199.8771,

 0.0000, 0.0000,

204.7301, 198.1235

0.0000

243.0005,
249.3233, 243.1271

■ 29.5870, 29.5845,
25.6237

■ 29.5870, 29.5845,
25.6237

■ 27.0825, 26.2247,
19.7040

■ 32.4106, 33.2969,
32.5291

■ 24.8825, 23.2027,
14.7227

■ 35.5622, 37.3681,
40.4609

■ 22.9750, 20.5086,
10.6311

■ 39.0535, 41.8091,
49.4598

■ 21.3460, 18.1305,
7.3757

■ 42.8946, 46.6293,
59.5636

■ 19.9803, 16.0555,
4.8968

■ 47.0955, 51.8377,
70.8084

■ 18.8609, 14.2697,
3.1268

■ 51.6655, 57.4431,
83.2284

■ 17.9683, 12.7580,
1.9864

■ 56.6136, 63.4538,
96.8567

■ 17.3004, 11.5659,
1.3206

■ 60.6334, 69.3519,
104.7983

■ 63.4793, 75.0438,
105.7469

Harmonies

Analogous

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



30.6821, 29.5845, 28.3022



29.5870, 29.5845, 25.6237



28.1298, 29.5845, 24.6779

Triad

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



29.5870, 29.5845, 25.6237



25.3479, 29.5845, 32.1822



29.5680, 29.5845, 39.8787

Complementary

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



29.5870, 29.5845, 25.6237



27.3796, 29.9976, 39.9445

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.



28.1086, 29.5845, 41.1430



29.5870, 29.5845, 25.6237



25.7031, 29.5845, 36.4673

Square

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



29.5870, 29.5845, 25.6237



25.7131, 29.5845, 28.2541



26.7007, 29.5845, 39.8438



30.6709, 29.5845, 36.5244

Rectangle

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



29.5870, 29.5845, 25.6237



27.1595, 29.5845, 25.0862



26.7007, 29.5845, 39.8438



29.1012, 29.5845, 40.5748

Sweetspot

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



29.5878, 29.5858, 25.6243



60.5083, 62.8292, 64.4113



29.3449, 26.5168, 33.5072



13.1542, 13.6399, 13.8955



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.



29.5878, 29.5858, 25.6243



50.7425, 49.9878, 40.5308



32.2659, 34.9420, 26.5170



7.2855, 7.5093, 7.4456



13.1332, 8.8402, 1.0141



0.3208, 0.2754, 0.0362

Inverse Universe

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



27.3796, 29.9976, 39.9445



46.0202, 50.8650, 71.1447



24.8905, 25.0194, 39.1148



7.0475, 7.5540, 8.9897



8.7739, 9.3272, 28.2677



0.2279, 0.2831, 0.6085

Previews

White Background



This preview shows how the XYZ color 29.5870, 29.5845, 25.6237 looks on a white background.

Color Contrast Check

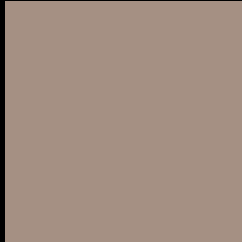
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.5870, 29.5845, 25.6237 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

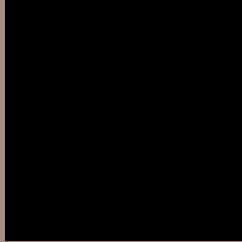
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.5870, 29.5845, 25.6237

Background



This preview shows how black text looks on a background with the XYZ color 29.5870, 29.5845, 25.6237.



This preview shows how white text looks on a background with the XYZ color 29.5870, 29.5845,

25.6237.

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

29.5870, 29.5845, 25.6237

Protanopia

28.1500, 29.7433, 26.4477

Deuteranopia

30.0676, 29.6084, 25.6030



Tritanopia

31.3408, 29.6416, 33.7753

Trichromacy



Original Color

29.5870, 29.5845, 25.6237

Protanomaly

28.6991, 29.8025, 26.0696

Deuteranomaly

29.8555, 29.4991, 25.5931

Tritanomaly

30.6434, 29.5751, 30.4790

Monochromacy



Original Color

29.5870, 29.5845, 25.6237

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

28.8338, 29.7890, 29.8213

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.5870, 29.5845, 25.6237 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(165, 144, 131)` looks like.

```
.text, #text, p{  
    color:rgb(165, 144, 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(165, 144, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 144, 131) }
```

Border

The CSS property to change the border of an element to XYZ 29.5870, 29.5845, 25.6237 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(165, 144, 131) }
```


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

```
.border{ border-color:rgb(165, 144, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 144, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 144, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 144, 131);  
box-shadow:4px 4px 4px 4px rgb(165, 144,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 29.5870, 29.5845, 25.6237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 144, 131) }
```

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

```
.background{ background-color: rgb(165,  
144, 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](#).

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