

Converting Colors

XYZ(27.4184, 25.9773, 22.5597)

Have a look what the booklet for
XYZ(27.4184, 25.9773, 22.5597)
contains.

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Color

**XYZ(27.4064, 25.9571,
22.6345)**

Conversions

Conversions Part 1

Format	Color
Hex	A5847C
RGB	165, 132, 124
RGB Percent	65%, 52%, 49%
CMY	0.3529, 0.4823, 0.5137
CMYK	0.00, 0.20, 0.25, 0.35
HSL	12°, 19%, 57%
HSV	12°, 25%, 65%
XYZ	27.4064, 25.9571, 22.6345
YIQ	140.9550, 22.2360, 4.5080

Conversions

Conversions Part 2

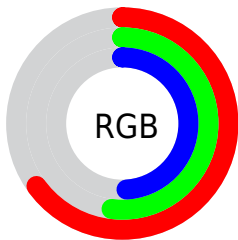
Format	Color
R_{YB}	165, 134, 124
Decimal	10847356
CIE _{Lab}	58.00, 11.38, 9.10
CIE _{LCh}	58, 14.569, 38.668
Yxy	25.9571, 0.3606, 0.3415
Android (android.graphics.Color)	4289037436 (0xFFA5847C)
YUV	140.9550, -8.3588, 21.0875
Hunter-Lab	50.9481, 6.8609, 9.3232

Details

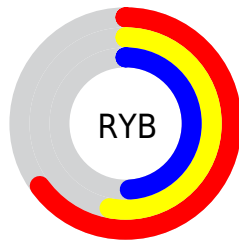
The XYZ color **27.4064, 25.9571, 22.6345** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **27.1603, 31.1147, 40.1717**, and the grayscale version is **25.3260, 26.6449, 29.0163**.

A 20% lighter version of the original color is **55.1036, 53.2444, 48.9679**, and **10.9694, 9.9873, 8.0062** is the 20% darker color. If you saturate the color by 10%, you get **24.7615, 22.1998, 17.0284**, and if you desaturate by 10%, it is **30.4565, 30.2451, 29.2377**.

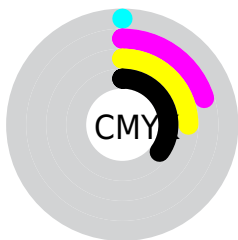
Distribution



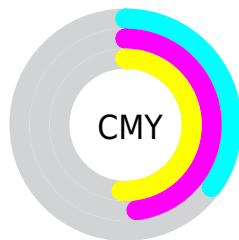
- Red (65%)
- Green (52%)
- Blue (49%)



- Red (65%)
- Yellow (53%)
- Blue (49%)



- Cyan (0%)
- Magenta (20%)
- Yellow (25%)
- Black (35%)



- Cyan (35%)
- Magenta (48%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.4064, 25.9571, 22.6345 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 27.4064, 25.9571, 22.6345 by changing the saturation by 10% instead.


 27.4064, 25.9571,
22.6345


 27.4064, 25.9571,
22.6345


281.7513,
282.5714, 278.9029


 18.0168, 16.7915,
14.1211


 54.9506, 53.2057,
48.7080

 11.0618, 10.0860,
8.0652


 73.8360, 72.0576,
67.1053

 6.1760, 5.4560,
4.0483


 96.6173, 94.9070,
89.6342

 2.9941, 2.5172,
1.6519

123.6600,
122.1384, 116.7133

 1.1506, 0.8852,
0.3275

155.3294,
154.1362, 148.7612

 0.0669, 0.0000,
0.0000

191.9909,

 0.0000, 0.0000,

191.2846, 186.1964

0.0000

234.0097,
233.9683, 229.4375

■ 27.4064, 25.9571,
22.6345

■ 27.4064, 25.9571,
22.6345

■ 24.7615, 22.1998,
17.0284

■ 30.4565, 30.2451,
29.2377

■ 22.5026, 18.9489,
12.3692

■ 33.9260, 35.0798,
36.8817

■ 20.6117, 16.1838,
8.6048

■ 37.8309, 40.4807,
45.6095

■ 19.0687, 13.8806,
5.6773

■ 42.1857, 46.4656,
55.4611

■ 17.8516, 12.0138,
3.5220

■ 47.0043, 53.0512,
66.4747

■ 16.9353, 10.5550,
2.0645

■ 52.2999, 60.2538,
78.6865

■ 16.2909, 9.4723,
1.2138

■ 58.0852, 68.0889,
92.1311

■ 16.0393, 9.0437,
0.9002

■ 64.2108, 76.5068,
105.9908

■ 68.2259, 84.5369,
107.3291

Harmonies

Analogous

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



28.1669, 25.9571, 26.8285



27.4064, 25.9571, 22.6345



25.9218, 25.9571, 20.1691

Triad

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



27.4064, 25.9571, 22.6345



21.6543, 25.9571, 24.8850



25.1845, 25.9571, 38.9561

Complementary

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



27.4064, 25.9571, 22.6345



27.1603, 31.1147, 40.1717

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.



23.4619, 25.9571, 38.2755



27.4064, 25.9571, 22.6345



21.4779, 25.9571, 29.7474

Square

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



27.4064, 25.9571, 22.6345



22.6188, 25.9571, 21.3570



22.1248, 25.9571, 34.7546



26.8447, 25.9571, 36.5168

Rectangle

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



27.4064, 25.9571, 22.6345



24.7501, 25.9571, 19.6460



22.1248, 25.9571, 34.7546



24.5930, 25.9571, 39.0900

Sweetspot

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



27.4071, 25.9583, 22.6350



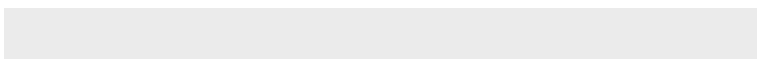
59.2744, 60.7628, 62.7626



28.8521, 24.8658, 35.3942



12.8821, 13.1776, 13.5520



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.



27.4071, 25.9583, 22.6350



46.2959, 42.5378, 34.5994



30.3863, 31.9167, 23.6281



7.1805, 7.2995, 7.4106



12.1630, 6.8999, 0.6908



0.2845, 0.2028, 0.0242

Inverse Universe

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



27.1603, 31.1147, 40.1717



45.7697, 53.4235, 71.6518



24.0473, 24.8886, 39.1340



7.1581, 7.7752, 9.0266



11.4965, 14.7724, 29.1752



0.2700, 0.3672, 0.6225

Previews

White Background



This preview shows how the XYZ color 27.4064, 25.9571, 22.6345 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 27.4064, 25.9571, 22.6345 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

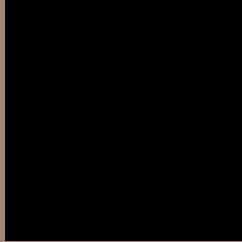
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.4064, 25.9571, 22.6345

Background



This preview shows how black text looks on a background with the XYZ color 27.4064, 25.9571, 22.6345.



This preview shows how white text looks on a background with the XYZ color 27.4064, 25.9571,

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

27.4064, 25.9571, 22.6345

Protanopia

24.8060, 26.0435, 24.1416

Deuteranopia

26.4613, 25.8764, 22.6688



Tritanopia

28.6526, 26.0742, 28.3336

Trichromacy



Original Color

27.4064, 25.9571, 22.6345

Protanomaly

25.5838, 25.8160, 23.7133

Deuteranomaly

26.7236, 25.8074, 22.6416

Tritanomaly

28.1453, 26.0608, 26.1011

Monochromacy



Original Color

27.4064, 25.9571, 22.6345

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

26.0393, 26.4103, 26.6469

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.4064, 25.9571, 22.6345 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, 132, 124)` looks like.

```
.text, #text, p{  
    color:rgb(165, 132, 124)  
}
```

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, 132, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 132, 124) }
```

Border

The CSS property to change the border of an element to XYZ 27.4064, 25.9571, 22.6345 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, 132, 124) }
```


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

```
.border{ border-color:rgb(165, 132, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 132, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 132, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 132, 124);  
box-shadow:4px 4px 4px 4px rgb(165, 132,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 27.4064, 25.9571, 22.6345 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 132, 124) }
```

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

```
.background{ background-color: rgb(165,  
132, 124) }
```

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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