

Converting Colors

XYZ(27.1697, 25.0634, 24.1755)

Have a look what the booklet for
XYZ(27.1697, 25.0634, 24.1755)
contains.

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Color

**XYZ(27.1987, 25.0227,
24.1652)**

Conversions

Conversions Part 1

Format	Color
Hex	A58081
RGB	165, 128, 129
RGB Percent	65%, 50%, 51%
CMY	0.3529, 0.4980, 0.4941
CMYK	0.00, 0.22, 0.22, 0.35
HSL	358°, 17%, 57%
HSV	358°, 22%, 65%
XYZ	27.1987, 25.0227, 24.1652
YIQ	139.1770, 21.7310, 8.1550

Conversions

Conversions Part 2

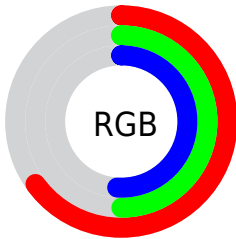
Format	Color
R_{YB}	165, 128, 129
Decimal	10846337
CIE _{Lab}	57.10, 14.41, 4.94
CIE _{LCh}	57, 15.236, 18.922
Yxy	25.0227, 0.3561, 0.3276
Android (android.graphics.Color)	4289036417 (0xFFA58081)
YUV	139.1770, -5.0173, 22.6468
Hunter-Lab	50.0227, 9.5156, 6.3738

Details

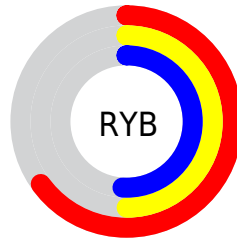
The XYZ color **27.1987, 25.0227, 24.1652** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **29.0591, 34.1804, 40.1897**, and the grayscale version is **24.6223, 25.9045, 28.2100**.

A 20% lighter version of the original color is **54.7862, 51.7973, 51.3663**, and **10.9260, 9.6159, 8.8696** is the 20% darker color. If you saturate the color by 10%, you get **24.2343, 20.6696, 18.3190**, and if you desaturate by 10%, it is **30.6822, 30.1451, 31.0124**.

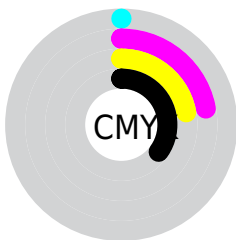
Distribution



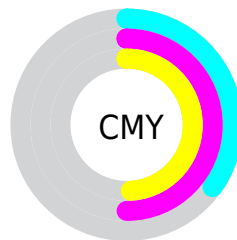
- Red (65%)
- Green (50%)
- Blue (51%)



- Red (65%)
- Yellow (50%)
- Blue (51%)



- Cyan (0%)
- Magenta (22%)
- Yellow (22%)
- Black (35%)





- Cyan (35%)
- Magenta (50%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.1987, 25.0227, 24.1652 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 27.1987, 25.0227, 24.1652 by changing the saturation by 10% instead.


 27.1987, 25.0227,
24.1652


 27.1987, 25.0227,
24.1652


280.7679,
277.9510, 286.9680


 17.8599, 16.0940,
15.2429


 54.6202, 51.6940,
51.2469

 10.9485, 9.5907,
8.8415


 73.4336, 70.2055,
70.2433

 6.0993, 5.1284,
4.5425


 96.1358, 92.6799,
93.4348

 2.9468, 2.3228,
1.9275

123.0923,
119.5017, 121.2400

 1.1257, 0.7857,
0.5101

154.6684,
151.0553, 154.0773

 0.0464, 0.0000,
0.0000

191.2295,

 0.0000, 0.0000,

187.7252, 192.3655

0.0000

233.1409,
229.8956, 236.5228

■ 27.1987, 25.0227,
24.1652

■ 27.1987, 25.0227,
24.1652

■ 24.2343, 20.6696,
18.3190

■ 30.6822, 30.1451,
31.0124

■ 21.7623, 17.0456,
13.4255

■ 34.7057, 36.0678,
38.9026

■ 19.7565, 14.1117,
9.4346

■ 39.2916, 42.8243,
47.8776

■ 18.1877, 11.8242,
6.2912

■ 44.4605, 50.4452,
57.9763

■ 17.0234, 10.1343,
3.9341

■ 50.2317, 58.9594,
69.2355

■ 16.2265, 8.9863,
2.2938

■ 56.6237, 68.3946,
81.6906

■ 15.7530, 8.3140,
1.2890

■ 63.6545, 78.7772,
95.3753

■ 15.5415, 8.0091,
0.8544

■ 69.3271, 86.7394,
107.6962

Harmonies

Analogous

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



27.3325, 25.0227, 29.1886



27.1987, 25.0227, 24.1652



26.1232, 25.0227, 20.4550

Triad

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



27.1987, 25.0227, 24.1652



21.2761, 25.0227, 21.2547



23.1265, 25.0227, 38.1385

Complementary

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



27.1987, 25.0227, 24.1652



29.0591, 34.1804, 40.1897

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.



21.5875, 25.0227, 35.3935



27.1987, 25.0227, 24.1652



20.5555, 25.0227, 25.3905

Square

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



27.1987, 25.0227, 24.1652



22.6820, 25.0227, 18.9264



20.6665, 25.0227, 30.5770



24.9198, 25.0227, 37.7024

Rectangle

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



27.1987, 25.0227, 24.1652



25.0459, 25.0227, 19.0263



20.6665, 25.0227, 30.5770



22.5639, 25.0227, 37.5447

Sweetspot

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



27.1994, 25.0238, 24.1657



58.6406, 59.4199, 62.7833



29.7732, 26.0239, 39.0514



12.7339, 12.8636, 13.5568



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.



27.1994, 25.0238, 24.1657



45.9050, 40.6922, 37.7484



29.5803, 29.8912, 24.6341



7.0811, 7.0889, 7.4137



11.7603, 6.0602, 0.6623



0.2493, 0.1282, 0.0254

Inverse Universe

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



27.1994, 25.0238, 24.1657



45.9050, 40.6922, 37.7484



26.2428, 28.4031, 39.6967



7.0811, 7.0889, 7.4137



11.7603, 6.0602, 0.6623



0.2493, 0.1282, 0.0254

Previews

White Background



This preview shows how the XYZ color 27.1987, 25.0227, 24.1652 looks on a white background.

Color Contrast Check

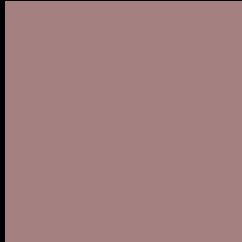
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.1987, 25.0227, 24.1652 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 27.1987, 25.0227, 24.1652

Background



This preview shows how black text looks on a background with the XYZ color 27.1987, 25.0227, 24.1652.



This preview shows how white text looks on a background with the XYZ color 27.1987, 25.0227,

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

27.1987, 25.0227, 24.1652

Protanopia

24.2332, 25.2753, 26.1556

Deuteranopia

25.6102, 25.2036, 23.9370



Tritanopia

27.8306, 25.0919, 27.0433

Trichromacy



Original Color

27.1987, 25.0227, 24.1652

Protanomaly

25.2676, 25.2002, 25.3622

Deuteranomaly

26.1131, 25.0602, 23.8829

Tritanomaly

27.6183, 25.0070, 25.9254

Monochromacy



Original Color

27.1987, 25.0227, 24.1652

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

25.2499, 25.3731, 26.4884

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.1987, 25.0227, 24.1652 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, 128, 129)` looks like.

```
.text, #text, p{  
    color:rgb(165, 128, 129)  
}
```

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, 128, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 128, 129) }
```

Border

The CSS property to change the border of an element to XYZ 27.1987, 25.0227, 24.1652 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, 128, 129) }
```


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

```
.border{ border-color:rgb(165, 128, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 128, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(165, 128, 129); -webkit-box-shadow:4px 4px 4px 4px rgb(165, 128, 129); box-shadow:4px 4px 4px 4px rgb(165, 128, 129) }
```

Background

The CSS property to change the background color of an element to XYZ 27.1987, 25.0227, 24.1652 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 128, 129) }
```

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

```
.background{ background-color: rgb(165,  
128, 129) }
```

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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