

Converting Colors

XYZ(27.2755, 25.6948, 24.7544)

Have a look what the booklet for
XYZ(27.2755, 25.6948, 24.7544)
contains.

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Color

**XYZ(27.2498, 25.6308,
24.6301)**

Conversions

Conversions Part 1

Format	Color
Hex	A38382
RGB	163, 131, 130
RGB Percent	64%, 51%, 51%
CMY	0.3608, 0.4863, 0.4902
CMYK	0.00, 0.20, 0.20, 0.36
HSL	2°, 15%, 57%
HSV	2°, 20%, 64%
XYZ	27.2498, 25.6308, 24.6301
YIQ	140.4540, 19.3930, 6.4730

Conversions

Conversions Part 2

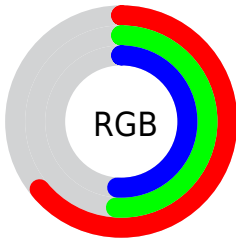
Format	Color
R_{YB}	163, 131, 130
Decimal	10716034
CIE _{Lab}	57.68, 12.09, 5.18
CIE _{LCh}	58, 13.151, 23.205
Yxy	25.6308, 0.3516, 0.3307
Android (android.graphics.Color)	4288906114 (0xFFA38382)
YUV	140.4540, -5.1538, 19.7728
Hunter-Lab	50.6269, 7.4802, 6.5941

Details

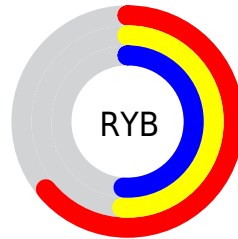
The XYZ color **27.2498, 25.6308, 24.6301** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **28.7368, 33.2300, 39.5500**, and the grayscale version is **25.1187, 26.4268, 28.7788**.

A 20% lighter version of the original color is **54.6012, 52.6053, 52.0758**, and **11.0580, 10.0082, 9.1335** is the 20% darker color. If you saturate the color by 10%, you get **24.2781, 21.3017, 18.6625**, and if you desaturate by 10%, it is **30.7201, 30.6792, 31.6196**.

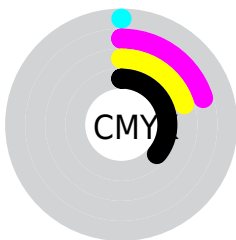
Distribution



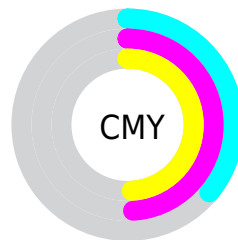
- Red (64%)
- Green (51%)
- Blue (51%)



- Red (64%)
- Yellow (51%)
- Blue (51%)



- Cyan (0%)
- Magenta (20%)
- Yellow (20%)
- Black (36%)





- Cyan (36%)
- Magenta (49%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.2498, 25.6308, 24.6301 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 27.2498, 25.6308, 24.6301 by changing the saturation by 10% instead.

 27.2498, 25.6308,
24.6301


 27.2498, 25.6308,
24.6301


281.0101,
280.9650, 289.3792


 17.8985, 16.5476,
15.5852


 54.7015, 52.6787,
52.0132

 10.9764, 9.9125,
9.0799


 73.5326, 71.4123,
71.1884

 6.1181, 5.3410,
4.6958


 96.2544, 94.1315,
94.5774

 2.9584, 2.4487,
2.0143

123.2321,
121.2206, 122.5989

 1.1318, 0.8508,
0.5641

154.8312,
153.0641, 155.6712

 0.0515, 0.0000,
0.0000

191.4170,

 0.0000, 0.0000,

190.0464, 194.2130

0.0000

233.3549,
232.5519, 238.6429

■ 27.2498, 25.6308,
24.6301

■ 27.2498, 25.6308,
24.6301

■ 24.2781, 21.3017,
18.6625

■ 30.7201, 30.6792,
31.6196

■ 21.7801, 17.6558,
13.6675

■ 34.7081, 36.4739,
39.6740

■ 19.7319, 14.6594,
9.5940


■ 39.2347, 43.0445,
48.8359


■ 18.1069, 12.2743,
6.3857

■ 44.3187, 50.4184,
59.1449


■ 16.8754, 10.4584,
3.9800


■ 49.9784, 58.6214,
70.6389

 16.0040, 9.1644,
2.3062

 56.2309, 67.6781,
83.3537

 15.4539, 8.3372,
1.2811

 63.0928, 77.6123,
97.3239

 15.1581, 7.8941,
0.7248

 68.9143, 86.5266,
107.6769

Harmonies

Analogous

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



27.4914, 25.6308, 28.9455



27.2498, 25.6308, 24.6301



26.2191, 25.6308, 21.5269

Triad

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



27.2498, 25.6308, 24.6301



22.0175, 25.6308, 23.0319



24.0050, 25.6308, 37.4282

Complementary

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



27.2498, 25.6308, 24.6301



28.7368, 33.2300, 39.5500

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.



22.5934, 25.6308, 35.4389



27.2498, 25.6308, 24.6301



21.4783, 25.6308, 26.8947

Square

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



27.2498, 25.6308, 24.6301



23.1883, 25.6308, 20.6759



21.6845, 25.6308, 31.4636



25.5732, 25.6308, 36.6549

Rectangle

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



27.2498, 25.6308, 24.6301



25.2462, 25.6308, 20.4057



21.6845, 25.6308, 31.4636



23.4974, 25.6308, 37.0539

Sweetspot

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



27.2505, 25.6320, 24.6306



57.8547, 59.0684, 62.3551



29.6488, 26.3768, 37.9213



12.8975, 13.1264, 13.8100



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.



27.2505, 25.6320, 24.6306



46.4613, 42.4942, 39.4042



29.5753, 30.2815, 25.4056



7.0902, 7.1189, 7.3805



11.7868, 6.1475, 0.5654



0.2525, 0.1389, 0.0135

Inverse Universe

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



28.7368, 33.2300, 39.5500



49.5809, 58.4433, 70.7236



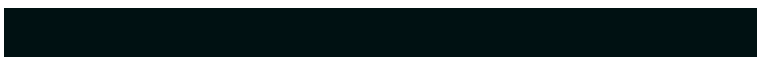
26.0882, 27.9328, 38.6671



7.2576, 7.9741, 9.0597



14.6527, 21.0849, 30.2273



0.3132, 0.4537, 0.6369

Previews

White Background



This preview shows how the XYZ color 27.2498, 25.6308, 24.6301 looks on a white background.

Color Contrast Check

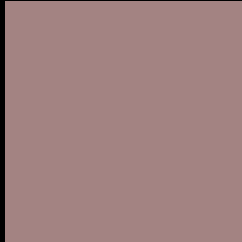
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.2498, 25.6308, 24.6301 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 27.2498, 25.6308, 24.6301

Background



This preview shows how black text looks on a background with the XYZ color 27.2498, 25.6308, 24.6301.



This preview shows how white text looks on a background with the XYZ color 27.2498, 25.6308,

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

27.2498, 25.6308, 24.6301

Protanopia

24.5469, 25.6490, 26.2112

Deuteranopia

26.1978, 25.7031, 24.3493



Tritanopia

28.0261, 25.7512, 28.3043

Trichromacy



Original Color

27.2498, 25.6308, 24.6301

Protanomaly

25.4753, 25.5054, 25.7706

Deuteranomaly

26.6481, 25.7310, 24.3309

Tritanomaly

27.7364, 25.6354, 26.7788

Monochromacy



Original Color

27.2498, 25.6308, 24.6301

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

25.6023, 25.9648, 26.9549

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.2498, 25.6308, 24.6301 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(163, 131, 130)` looks like.

```
.text, #text, p{  
    color:rgb(163, 131, 130)  
}
```

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(163, 131, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 131, 130) }
```

Border

The CSS property to change the border of an element to XYZ 27.2498, 25.6308, 24.6301 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(163, 131, 130) }
```


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

```
.border{ border-color:rgb(163, 131, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 131, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 131, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 131, 130);  
box-shadow:4px 4px 4px 4px rgb(163, 131,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 27.2498, 25.6308, 24.6301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 131, 130) }
```

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

```
.background{ background-color: rgb(163,  
131, 130) }
```

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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