

Converting Colors

XYZ(29.6562, 25.6276, 27.8387)

Have a look what the booklet for
XYZ(29.6562, 25.6276, 27.8387)
contains.

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Color

**XYZ(29.6730, 25.6453,
27.8122)**

Conversions

Conversions Part 1

Format	Color
Hex	AF7D8B
RGB	175, 125, 139
RGB Percent	69%, 49%, 55%
CMY	0.3137, 0.5098, 0.4549
CMYK	0.00, 0.29, 0.21, 0.31
HSL	343°, 24%, 59%
HSV	343°, 29%, 69%
XYZ	29.6730, 25.6453, 27.8122
YIQ	141.5460, 25.3060, 14.9540

Conversions

Conversions Part 2

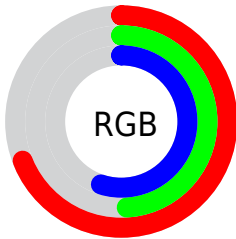
Format	Color
RYB	175, 125, 139
Decimal	11500939
CIELab	57.70, 21.52, 0.17
CIElCh	58, 21.524, 0.449
Yxy	25.6453, 0.3569, 0.3085
Android (android.graphics.Color)	4289691019 (0xFFAF7D8B)
YUV	141.5460, -1.2552, 29.3392
Hunter-Lab	50.6412, 15.9693, 2.8867

Details

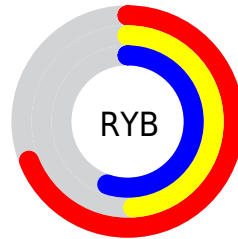
The XYZ color **29.6730, 25.6453, 27.8122** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **30.2215, 37.5937, 39.3835**, and the grayscale version is **25.5304, 26.8600, 29.2505**.

A 20% lighter version of the original color is **58.3898, 52.6355, 56.9514**, and **12.3453, 9.8910, 10.7097** is the 20% darker color. If you saturate the color by 10%, you get **26.7815, 21.2516, 22.5647**, and if you desaturate by 10%, it is **33.0624, 30.8645, 33.7499**.

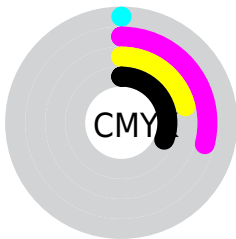
Distribution



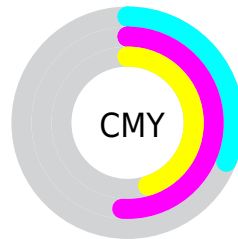
- Red (69%)
- Green (49%)
- Blue (55%)



- Red (69%)
- Yellow (49%)
- Blue (55%)



- Cyan (0%)
- Magenta (29%)
- Yellow (21%)
- Black (31%)





- Cyan (31%)
- Magenta (51%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.6730, 25.6453, 27.8122 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 29.6730, 25.6453, 27.8122 by changing the saturation by 10% instead.


 29.6730, 25.6453,
27.8122


 29.6730, 25.6453,
27.8122


292.3145,
281.0365, 305.4521


 19.7374, 16.5585,
17.9463


 58.5348, 52.7022,
57.2040

 12.3114, 9.9202,
10.7424


 78.1918, 71.4410,
77.5669

 7.0298, 5.3461,
5.7819


 101.8198, 94.1660,
102.2660

 3.5273, 2.4517,
2.6463

129.7843,
121.2615, 131.7198

 1.4383, 0.8523,
0.9162

162.4507,
153.1119, 166.3467

 0.2833, 0.0000,
0.0000

200.1843,

 0.0000, 0.0000,

190.1016, 206.5654

0.0000

243.3505,
232.6150, 252.7943

■ 29.6730, 25.6453,
27.8122

■ 29.6730, 25.6453,
27.8122

■ 26.7815, 21.2516,
22.5647

■ 33.0624, 30.8645,
33.7499

■ 24.3616, 17.6374,
17.9801

■ 36.9700, 36.9449,
40.4005

■ 22.3881, 14.7577,
14.0314

■ 41.4175, 43.9245,
47.7877

■ 20.8320, 12.5613,
10.6894

■ 46.4247, 51.8380,
55.9335

■ 19.6610, 10.9905,
7.9219

■ 52.0104, 60.7182,
64.8590

■ 18.8378, 9.9778,
5.6938

■ 58.1926, 70.5963,
74.5844

■ 18.2995, 9.4056,
3.9592

■ 64.9883, 81.5022,
85.1293

■ 18.2335, 9.3357,
3.7457

■ 69.1389, 86.9139,
95.4207

■ 71.0748, 87.6882,
105.6151

Harmonies

Analogous

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



28.9444, 25.6453, 35.5228



29.6730, 25.6453, 27.8122



28.9008, 25.6453, 21.3318

Triad

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



29.6730, 25.6453, 27.8122



21.9493, 25.6453, 17.3898



22.0122, 25.6453, 42.1761

Complementary

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



29.6730, 25.6453, 27.8122



30.2215, 37.5937, 39.3835

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.



20.3483, 25.6453, 35.7496



29.6730, 25.6453, 27.8122



20.3139, 25.6453, 21.4933

Square

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



29.6730, 25.6453, 27.8122



24.3362, 25.6453, 16.0015



19.7486, 25.6453, 28.0348



24.4140, 25.6453, 44.6523

Rectangle

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



29.6730, 25.6453, 27.8122



27.6682, 25.6453, 18.3488



19.7486, 25.6453, 28.0348



21.3543, 25.6453, 40.3562

Sweetspot

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



29.6737, 25.6465, 27.8127



65.7749, 65.4841, 71.6209



29.7368, 25.3235, 43.8782



14.3852, 14.1893, 15.5241



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



29.6737, 25.6465, 27.8127



49.9230, 41.0227, 44.0096



30.1624, 28.1572, 23.2487



8.0940, 8.0508, 8.8056



13.0807, 6.6948, 2.8044



0.3874, 0.1956, 0.2018

Inverse Universe

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



29.6737, 25.6465, 27.8127



49.9230, 41.0227, 44.0096



29.5015, 34.0665, 45.5782



8.0940, 8.0508, 8.8056



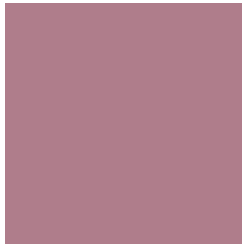
13.0807, 6.6948, 2.8044



0.3874, 0.1956, 0.2018

Previews

White Background



This preview shows how the XYZ color 29.6730, 25.6453, 27.8122 looks on a white background.

Color Contrast Check

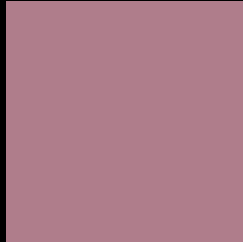
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.6730, 25.6453, 27.8122 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 29.6730, 25.6453, 27.8122

Background



This preview shows how black text looks on a background with the XYZ color 29.6730, 25.6453, 27.8122.



This preview shows how white text looks on a background with the XYZ color 29.6730, 25.6453,

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

29.6730, 25.6453, 27.8122

Protanopia

25.0024, 25.7725, 31.2606

Deuteranopia

26.1773, 25.6286, 27.2340



Tritanopia

29.5132, 25.7849, 26.3431

Trichromacy



Original Color

29.6730, 25.6453, 27.8122

Protanomaly

26.3705, 25.4641, 29.9107

Deuteranomaly

27.4017, 25.6446, 27.5504

Tritanomaly

29.5840, 25.8132, 26.7158

Monochromacy



Original Color

29.6730, 25.6453, 27.8122

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

26.9383, 26.4014, 28.8755

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.6730, 25.6453, 27.8122 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(175, 125, 139)` looks like.

```
.text, #text, p{  
    color:rgb(175, 125, 139)  
}
```

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(175, 125, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 125, 139) }
```

Border

The CSS property to change the border of an element to XYZ 29.6730, 25.6453, 27.8122 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(175, 125, 139) }
```


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

```
.border{ border-color:rgb(175, 125, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 125, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 125, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 125, 139);  
box-shadow:4px 4px 4px 4px rgb(175, 125,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 29.6730, 25.6453, 27.8122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 125, 139) }
```

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

```
.background{ background-color: rgb(175,  
125, 139) }
```

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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