

Converting Colors

XYZ(24.5596, 21.1660, 26.7414)

Have a look what the booklet for
XYZ(24.5596, 21.1660, 26.7414)
contains.

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Color

**XYZ(24.6228, 21.2645,
26.8515)**

Conversions

Conversions Part 1

Format	Color
Hex	9D738A
RGB	157, 115, 138
RGB Percent	62%, 45%, 54%
CMY	0.3843, 0.5490, 0.4588
CMYK	0.00, 0.27, 0.12, 0.38
HSL	327°, 18%, 53%
HSV	327°, 27%, 62%
XYZ	24.6228, 21.2645, 26.8515
YIQ	130.1800, 17.6490, 16.0570

Conversions

Conversions Part 2

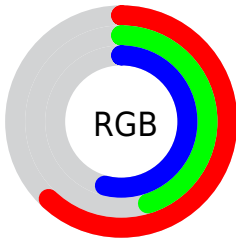
Format	Color
R _Y B	157, 115, 138
Decimal	10318730
CIE Lab	53.24, 20.30, -6.04
CIE LCh	53, 21.182, 343.420
Yxy	21.2645, 0.3385, 0.2923
Android (android.graphics.Color)	4288508810 (0xFF9D738A)
YUV	130.1800, 3.8553, 23.5211
Hunter-Lab	46.1134, 14.6136, -2.2447

Details

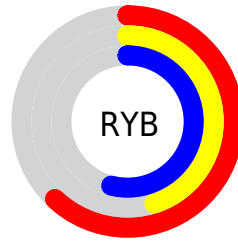
The XYZ color **24.6228, 21.2645, 26.8515** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **23.4311, 29.4806, 27.0109**, and the grayscale version is **21.2647, 22.3721, 24.3632**.

A 20% lighter version of the original color is **50.3741, 45.3961, 55.3975**, and **9.5354, 7.6043, 10.1977** is the 20% darker color. If you saturate the color by 10%, you get **22.4852, 17.7854, 23.6843**, and if you desaturate by 10%, it is **27.1002, 25.3688, 30.2984**.

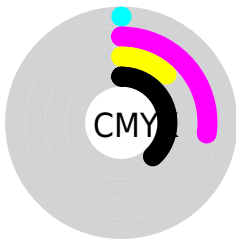
Distribution



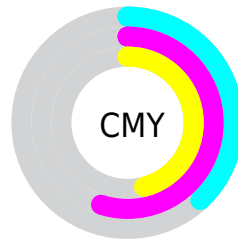
- Red (62%)
- Green (45%)
- Blue (54%)



- Red (62%)
- Yellow (45%)
- Blue (54%)



- Cyan (0%)
- Magenta (27%)
- Yellow (12%)
- Black (38%)



- Cyan (38%)
- Magenta (55%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.6228, 21.2645, 26.8515 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 24.6228, 21.2645, 26.8515 by changing the saturation by 10% instead.

■ 24.6228, 21.2645,
26.8515

■ 24.6228, 21.2645,
26.8515

268.3366,
258.6808, 300.6748

■ 15.9235, 13.3175,
17.2303

■ 50.4919, 45.5273,
55.6463

■ 9.5605, 7.6475,
10.2351

■ 68.3925, 62.6119,
75.6570

■ 5.1686, 3.8702,
5.4475

■ 90.0908, 83.5111,
99.9679

■ 2.3823, 1.6012,
2.4488

■ 115.9523,
108.6094, 128.9976

■ 0.8363, 0.3584,
0.8129

146.3422,
138.2911, 163.1646

■ 0.0000, 0.0000,
0.0000

181.6260,

172.9407, 202.8874

222.1691,
212.9425, 248.5846

■ 24.6228, 21.2645,
26.8515

■ 24.6228, 21.2645,
26.8515

■ 22.4852, 17.7854,
23.6843

■ 27.1002, 25.3688,
30.2984

■ 20.6695, 14.8975,
20.7871

■ 29.9304, 30.1244,
34.0316

■ 19.1589, 12.5679,
18.1510

■ 33.1283, 35.5594,
38.0594

■ 17.9340, 10.7592,
15.7665

■ 36.7070, 41.6993,
42.3891

■ 16.9735, 9.4296,
13.6228

■ 40.6791, 48.5684,
47.0276

■ 16.2524, 8.5305,
11.7081

■ 45.0566, 56.1898,
51.9818

■ 15.7333, 7.9882,
10.0063

■ 49.8511, 64.5856,
57.2581

■ 15.5834, 7.8396,
9.4901

■ 55.0734, 73.7768,
62.8629

■ 60.3167, 82.9490,
68.6632

Harmonies

Analogous

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



23.3159, 21.2645, 33.3088



24.6228, 21.2645, 26.8515



24.6929, 21.2645, 20.4091

Triad

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



24.6228, 21.2645, 26.8515



19.2288, 21.2645, 13.1151



17.2438, 21.2645, 32.7001

Complementary

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



24.6228, 21.2645, 26.8515



23.4311, 29.4806, 27.0109

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.



16.3076, 21.2645, 26.1333



24.6228, 21.2645, 26.8515



17.3952, 21.2645, 15.3055

Square

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



24.6228, 21.2645, 26.8515



21.4643, 21.2645, 13.2359



16.3609, 21.2645, 19.8115



19.0079, 21.2645, 37.0887

Rectangle

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



24.6228, 21.2645, 26.8515



24.0202, 21.2645, 17.0070



16.3609, 21.2645, 19.8115



16.8279, 21.2645, 30.6267

Sweetspot

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



24.6234, 21.2655, 26.8519



52.8509, 52.6809, 59.9762



22.0330, 19.7569, 34.5508



11.4650, 11.3147, 12.9834



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



24.6234, 21.2655, 26.8519



41.7796, 34.2959, 44.7012



23.2529, 20.7172, 19.6348



6.7774, 6.7039, 7.6787



12.6753, 6.3747, 7.8070



0.2478, 0.1225, 0.2512

Inverse Universe

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



24.6234, 21.2655, 26.8519



41.7796, 34.2959, 44.7012



25.0359, 30.1225, 35.4614



6.7774, 6.7039, 7.6787



12.6753, 6.3747, 7.8070



0.2478, 0.1225, 0.2512

Previews

White Background



This preview shows how the XYZ color 24.6228, 21.2645, 26.8515 looks on a white background.

Color Contrast Check

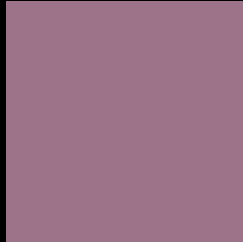
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.6228, 21.2645, 26.8515 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

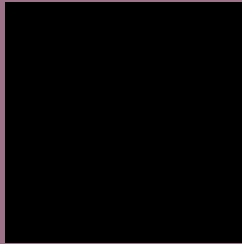
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.6228, 21.2645, 26.8515

Background



This preview shows how black text looks on a background with the XYZ color 24.6228, 21.2645, 26.8515.



This preview shows how white text looks on a background with the XYZ color 24.6228, 21.2645,

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

24.6228, 21.2645, 26.8515

Protanopia

20.8839, 21.2511, 29.7892

Deuteranopia

21.8049, 21.4271, 26.2792



Tritanopia

23.8375, 21.2969, 22.5930

Trichromacy



Original Color

24.6228, 21.2645, 26.8515

Protanomaly

21.9954, 21.1063, 28.5058

Deuteranomaly

22.8543, 21.4102, 26.5949

Tritanomaly

23.9850, 21.1704, 23.9412

Monochromacy



Original Color

24.6228, 21.2645, 26.8515

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

22.3825, 21.9361, 25.2447

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.6228, 21.2645, 26.8515 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(157, 115, 138)` looks like.

```
.text, #text, p{  
    color:rgb(157, 115, 138)  
}
```

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(157, 115, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 115, 138) }
```

Border

The CSS property to change the border of an element to XYZ 24.6228, 21.2645, 26.8515 is called "border". The border property can be set on classes, ids or directly on the HTML element.

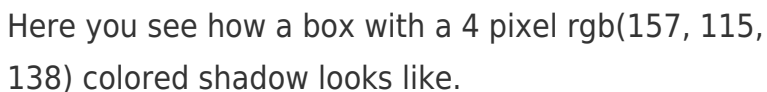
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(157, 115, 138) }
```


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

```
.border{ border-color:rgb(157, 115, 138) }
```

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



Here you see how a box with a 4 pixel `rgb(157, 115, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(157, 115, 138); -webkit-box-shadow:4px 4px 4px 4px rgb(157, 115, 138); box-shadow:4px 4px 4px 4px rgb(157, 115, 138) }
```

Background

The CSS property to change the background color of an element to XYZ 24.6228, 21.2645, 26.8515 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 115, 138) }
```

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

```
.background{ background-color: rgb(157,  
115, 138) }
```

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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