

Converting Colors

XYZ(25.0181, 21.0213, 28.9256)

Have a look what the booklet for
XYZ(25.0181, 21.0213, 28.9256)
contains.

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Color

**XYZ(25.0397, 21.0930,
29.1372)**

Conversions

Conversions Part 1

Format	Color
Hex	9E7190
RGB	158, 113, 144
RGB Percent	62%, 44%, 56%
CMY	0.3804, 0.5568, 0.4353
CMYK	0.00, 0.28, 0.09, 0.38
HSL	319°, 19%, 53%
HSV	319°, 28%, 62%
XYZ	25.0397, 21.0930, 29.1372
YIQ	129.9890, 16.8690, 19.1810

Conversions

Conversions Part 2

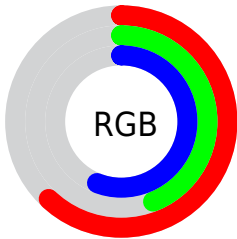
Format	Color
R_{YB}	158, 113, 144
Decimal	10383760
CIE _{Lab}	53.05, 22.89, -9.83
CIE _{LCh}	53, 24.915, 336.767
Yxy	21.0930, 0.3327, 0.2802
Android (android.graphics.Color)	4288573840 (0xFF9E7190)
YUV	129.9890, 6.9074, 24.5656
Hunter-Lab	45.9271, 16.9467, -5.4659

Details

The XYZ color **25.0397, 21.0930, 29.1372** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **22.8685, 29.4973, 24.5682**, and the grayscale version is **21.1869, 22.2903, 24.2741**.

A 20% lighter version of the original color is **51.0887, 45.1336, 59.4451**, and **9.7976, 7.5391, 11.5285** is the 20% darker color. If you saturate the color by 10%, you get **23.0606, 17.7229, 26.6641**, and if you desaturate by 10%, it is **27.3433, 25.0854, 31.7997**.

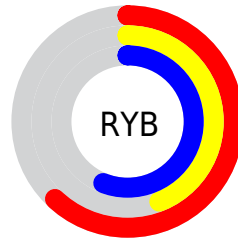
Distribution



Red (62%)

Green (44%)

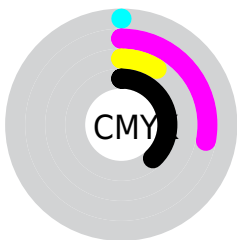
Blue (56%)



Red (62%)

Yellow (44%)

Blue (56%)

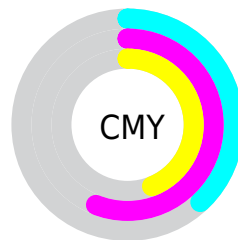


Cyan (0%)

Magenta (28%)

Yellow (9%)

Black (38%)



Cyan (38%)


Magenta (56%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.0397, 21.0930, 29.1372 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 25.0397, 21.0930, 29.1372 by changing the saturation by 10% instead.


 25.0397, 21.0930,
29.1372


 25.0397, 21.0930,
29.1372


270.3796,
257.7723, 311.9429


 16.2355, 13.1920,
18.9382


 51.1640, 45.2423,
59.3398


 9.7829, 7.5609,
11.4492


 69.2149, 62.2593,
80.1804

 5.3164, 3.8153,
6.2519

 91.0788, 83.0838,
105.4053

 2.4707, 1.5708,
2.9276

 117.1209,
108.1002, 135.4330

 0.8805, 0.3378,
1.0578

147.7067,
137.6929, 170.6821

 0.0000, 0.0000,
0.0000

183.2015,

172.2462, 211.5711

223.9707,
212.1445, 258.5185

■ 25.0397, 21.0930,
29.1372

■ 25.0397, 21.0930,
29.1372

■ 23.0606, 17.7229,
26.6641

■ 27.3433, 25.0854,
31.7997

■ 21.3881, 14.9402,
24.3726

■ 29.9845, 29.7267,
34.6562

■ 20.0051, 12.7112,
22.2564

■ 32.9778, 35.0456,
37.7129

■ 18.8924, 10.9974,
20.3078

■ 36.3366, 41.0682,
40.9750

■ 18.0279, 9.7555,
18.5186

■ 40.0733, 47.8191,
44.4477

■ 17.3864, 8.9349,
16.8791

■ 44.1998, 55.3219,
48.1359

■ 16.9189, 8.4382,
15.3720

■ 48.7274, 63.5990,
52.0442

■ 16.8525, 8.3699,
15.1507

■ 53.6671, 72.6718,
56.1773

■ 58.9640, 82.4305,
60.5176

Harmonies

Analogous

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



23.2153, 21.0930, 36.5622



25.0397, 21.0930, 29.1372



25.4750, 21.0930, 21.3093

Triad

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



25.0397, 21.0930, 29.1372



19.4609, 21.0930, 11.4176



16.2795, 21.0930, 32.7236

Complementary

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



25.0397, 21.0930, 29.1372



22.8685, 29.4973, 24.5682

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.



15.4527, 21.0930, 24.7078



25.0397, 21.0930, 29.1372



17.1832, 21.0930, 13.2441

Square

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



25.0397, 21.0930, 29.1372



22.1007, 21.0930, 12.1016



15.7686, 21.0930, 17.7353



18.1270, 21.0930, 38.9278

Rectangle

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



25.0397, 21.0930, 29.1372



24.8879, 21.0930, 17.0658



15.7686, 21.0930, 17.7353



15.8806, 21.0930, 30.0917

Sweetspot

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



25.0403, 21.0939, 29.1376



54.0965, 53.3563, 62.5619



20.7557, 18.7537, 34.8739



12.0393, 11.7525, 13.9386



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



25.0403, 21.0939, 29.1376



43.1816, 34.3902, 50.0953



23.5193, 20.4855, 21.1279



6.8162, 6.7194, 7.8833



13.5153, 6.7107, 12.2302



0.2597, 0.1272, 0.3137

Inverse Universe

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



25.0403, 21.0939, 29.1376



43.1816, 34.3902, 50.0953



24.4624, 30.1348, 32.9616



6.8162, 6.7194, 7.8833



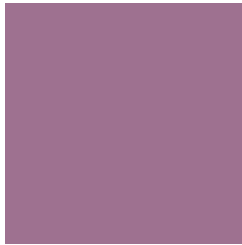
13.5153, 6.7107, 12.2302



0.2597, 0.1272, 0.3137

Previews

White Background



This preview shows how the XYZ color 25.0397, 21.0930, 29.1372 looks on a white background.

Color Contrast Check

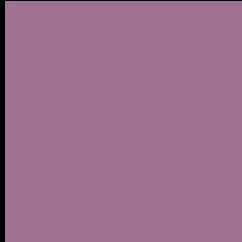
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.0397, 21.0930, 29.1372 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

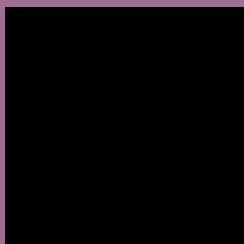
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.0397, 21.0930, 29.1372

Background



This preview shows how black text looks on a background with the XYZ color 25.0397, 21.0930, 29.1372.



This preview shows how white text looks on a background with the XYZ color 25.0397, 21.0930,

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

25.0397, 21.0930, 29.1372

Protanopia

21.0135, 21.2537, 32.7006

Deuteranopia

21.6059, 21.2738, 28.5587



Tritanopia

23.6574, 21.0394, 22.2162

Trichromacy



Original Color

25.0397, 21.0930, 29.1372

Protanomaly

22.0937, 20.9130, 31.3059

Deuteranomaly

22.6589, 21.0788, 28.8610

Tritanomaly

24.2002, 21.0955, 24.6261

Monochromacy



Original Color

25.0397, 21.0930, 29.1372

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

22.3960, 21.7400, 25.9375

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.0397, 21.0930, 29.1372 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(158, 113, 144)` looks like.

```
.text, #text, p{  
    color:rgb(158, 113, 144)  
}
```

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(158, 113, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 113, 144) }
```

Border

The CSS property to change the border of an element to XYZ 25.0397, 21.0930, 29.1372 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(158, 113, 144) }
```


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

```
.border{ border-color:rgb(158, 113, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 113, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 113, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 113, 144);  
box-shadow:4px 4px 4px 4px rgb(158, 113,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 25.0397, 21.0930, 29.1372 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 113, 144) }
```

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

```
.background{ background-color: rgb(158,  
113, 144) }
```

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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