

Converting Colors

XYZ(24.9501, 22.9822, 37.5075)

Have a look what the booklet for
XYZ(24.9501, 22.9822, 37.5075)
contains.

XYZ(24.8397, 22.9386, 37.3008)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(24.8397, 22.9386,
37.3008)**

Conversions

Conversions Part 1

Format	Color
Hex	8D7DA2
RGB	141, 125, 162
RGB Percent	55%, 49%, 64%
CMY	0.4471, 0.5098, 0.3647
CMYK	0.13, 0.23, 0.00, 0.36
HSL	266°, 17%, 56%
HSV	266°, 23%, 64%
XYZ	24.8397, 22.9386, 37.3008
YIQ	134.0020, -2.3410, 14.8990

Conversions

Conversions Part 2

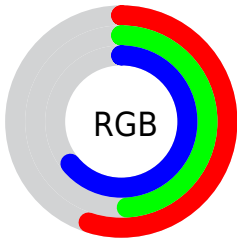
Format	Color
R_{YB}	141, 125, 162
Decimal	9272738
CIE _{Lab}	55.01, 13.60, -17.51
CIE _{LCh}	55, 22.173, 307.831
Yxy	22.9386, 0.2920, 0.2696
Android (android.graphics.Color)	4287462818 (0xFF8D7DA2)
YUV	134.0020, 13.8030, 6.1372
Hunter-Lab	47.8943, 8.7616, -12.6500

Details

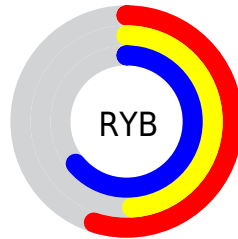
The XYZ color **24.8397, 22.9386, 37.3008** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **28.4769, 33.4329, 24.3554**, and the grayscale version is **22.6128, 23.7905, 25.9078**.

A 20% lighter version of the original color is **50.9505, 48.4526, 72.3126**, and **9.6154, 8.4683, 15.8796** is the 20% darker color. If you saturate the color by 10%, you get **21.4548, 18.3939, 36.6024**, and if you desaturate by 10%, it is **28.6904, 28.2211, 38.1178**.

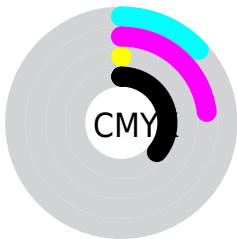
Distribution



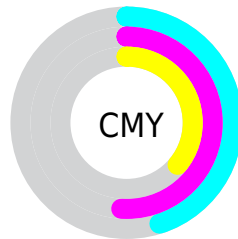
- Red (55%)
- Green (49%)
- Blue (64%)



- Red (55%)
- Yellow (49%)
- Blue (64%)



- Cyan (13%)
- Magenta (23%)
- Yellow (0%)
- Black (36%)



- Cyan (45%)
- Magenta (51%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.8397, 22.9386, 37.3008 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 24.8397, 22.9386, 37.3008 by changing the saturation by 10% instead.

■ 24.8397, 22.9386,
37.3008

■ 24.8397, 22.9386,
37.3008

269.4011,
267.4095, 349.8188

■ 16.0858, 14.5482,
25.1429

■ 50.8418, 48.2925,
72.2267

■ 9.6761, 8.5029,
15.9635

■ 68.8207, 66.0247,
95.8317

■ 5.2453, 4.4184,
9.3443

■ 90.6053, 87.6397,
124.0894

■ 2.4282, 1.9103,
4.8665

116.5609,
113.5218, 157.4185

■ 0.8592, 0.5545,
2.1118

147.0530,
144.0555, 196.2375

■ 0.0000, 0.0000,
0.6228

182.4468,

■ 0.0000, 0.0000,

179.6250, 240.9648

0.0000

223.1077,
220.6149, 292.0191

■ 24.8397, 22.9386,
37.3008

■ 24.8397, 22.9386,
37.3008

■ 21.4548, 18.3939,
36.6024

■ 28.6904, 28.2211,
38.1178

■ 18.5142, 14.5502,
36.0154

■ 33.0228, 34.2703,
39.0571

■ 15.9977, 11.3717,
35.5345

■ 37.8548, 41.1171,
40.1240

■ 13.8828, 8.8180,
35.1531

■ 43.2025, 48.7896,
41.3231

■ 12.1445, 6.8446,
34.8638

■ 49.0815, 57.3148,
42.6588

■ 10.7545, 5.4003,
34.6583

■ 55.5066, 66.7182,
44.1352

■ 9.6797, 4.4248,
34.5267

■ 62.4919, 77.0244,
45.7563

■ 9.0511, 3.9127,
34.4609

■ 70.0510, 88.2569,
47.5260

■ 72.9466, 89.9370,
47.6977

Harmonies

Analogous

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



22.4544, 22.9386, 40.9765



24.8397, 22.9386, 37.3008



26.4915, 22.9386, 30.4549

Triad

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



24.8397, 22.9386, 37.3008



23.6398, 22.9386, 14.3990



17.4371, 22.9386, 26.8712

Complementary

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



24.8397, 22.9386, 37.3008



28.4769, 33.4329, 24.3554

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.



17.7022, 22.9386, 20.1975



24.8397, 22.9386, 37.3008



21.1632, 22.9386, 13.8002

Square

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



24.8397, 22.9386, 37.3008



25.7632, 22.9386, 17.5434



19.0235, 22.9386, 15.7181



18.2700, 22.9386, 34.2582

Rectangle

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



24.8397, 22.9386, 37.3008



26.8885, 22.9386, 25.4934



19.0235, 22.9386, 15.7181



17.4020, 22.9386, 24.4661

Sweetspot

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



24.8404, 22.9396, 37.3013



56.4625, 57.3236, 70.1448



25.3489, 27.7075, 38.1948



12.5831, 12.7375, 15.7329



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.



24.8404, 22.9396, 37.3013



42.1187, 37.6232, 67.0982



28.1374, 24.6392, 37.4556



6.9774, 7.0027, 8.8870



7.1783, 3.1070, 27.1512



0.2046, 0.0930, 0.5730

Inverse Universe

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



27.4230, 24.4249, 30.4643



47.6528, 40.8084, 52.3451



25.5374, 31.9176, 24.2179



7.2343, 7.1502, 8.2200



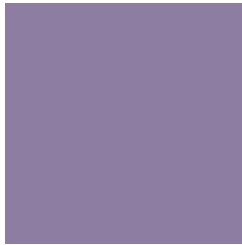
13.2809, 6.6684, 8.6697



0.3022, 0.1494, 0.3038

Previews

White Background



This preview shows how the XYZ color 24.8397, 22.9386, 37.3008 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 24.8397, 22.9386, 37.3008 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 24.8397, 22.9386, 37.3008

Background



This preview shows how black text looks on a background with the XYZ color 24.8397, 22.9386, 37.3008.



This preview shows how white text looks on a background with the XYZ color 24.8397, 22.9386,

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

24.8397, 22.9386, 37.3008

Protanopia

23.0339, 22.9294, 39.2882

Deuteranopia

23.4892, 23.0195, 36.9234



Tritanopia

22.8270, 22.8830, 27.6398

Trichromacy



Original Color

24.8397, 22.9386, 37.3008

Protanomaly

23.7166, 22.9008, 38.7676

Deuteranomaly

23.9837, 23.0799, 36.9090

Tritanomaly

23.4669, 22.9482, 30.7964

Monochromacy



Original Color

24.8397, 22.9386, 37.3008

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

23.4669, 23.5646, 29.6971

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.8397, 22.9386, 37.3008 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(141, 125, 162)` looks like.

```
.text, #text, p{  
    color:rgb(141, 125, 162)  
}
```

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(141, 125, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 125, 162) }
```

Border

The CSS property to change the border of an element to XYZ 24.8397, 22.9386, 37.3008 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(141, 125, 162) }
```


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

```
.border{ border-color:rgb(141, 125, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 125, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 125, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 125, 162);  
box-shadow:4px 4px 4px 4px rgb(141, 125,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 24.8397, 22.9386, 37.3008 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 125, 162) }
```

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

```
.background{ background-color: rgb(141,  
125, 162) }
```

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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