

Converting Colors

XYZ(24.2651, 22.3788, 35.2310)

Have a look what the booklet for
XYZ(24.2651, 22.3788, 35.2310)
contains.

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Color

**XYZ(24.2390, 22.2973,
35.3740)**

Conversions

Conversions Part 1

Format	Color
Hex	8D7B9E
RGB	141, 123, 158
RGB Percent	55%, 48%, 62%
CMY	0.4471, 0.5176, 0.3804
CMYK	0.11, 0.22, 0.00, 0.38
HSL	271°, 15%, 55%
HSV	271°, 22%, 62%
XYZ	24.2390, 22.2973, 35.3740
YIQ	132.3720, -0.5070, 14.7010

Conversions

Conversions Part 2

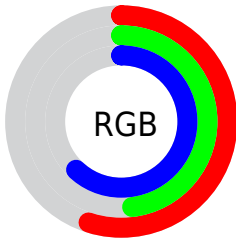
Format	Color
R_{YB}	141, 123, 158
Decimal	9272222
CIE _{Lab}	54.34, 13.88, -16.21
CIE _{LCh}	54, 21.343, 310.570
Yxy	22.2973, 0.2959, 0.2722
Android (android.graphics.Color)	4287462302 (0xFF8D7B9E)
YUV	132.3720, 12.6346, 7.5668
Hunter-Lab	47.2200, 8.9927, -11.3620

Details

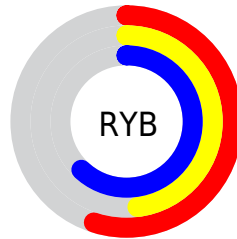
The XYZ color **24.2390, 22.2973, 35.3740** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **26.6181, 31.4598, 23.4095**, and the grayscale version is **22.0229, 23.1699, 25.2320**.

A 20% lighter version of the original color is **50.0413, 47.4569, 69.4734**, and **9.3191, 8.1328, 14.9885** is the 20% darker color. If you saturate the color by 10%, you get **21.1750, 18.0396, 34.7140**, and if you desaturate by 10%, it is **27.7112, 27.2361, 36.1446**.

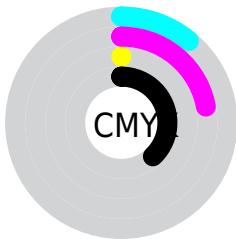
Distribution



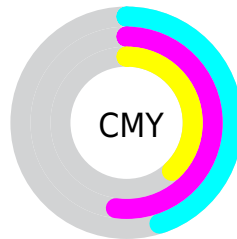
- Red (55%)
- Green (48%)
- Blue (62%)



- Red (55%)
- Yellow (48%)
- Blue (62%)



- Cyan (11%)
- Magenta (22%)
- Yellow (0%)
- Black (38%)



- Cyan (45%)
- Magenta (52%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.2390, 22.2973, 35.3740 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 24.2390, 22.2973, 35.3740 by changing the saturation by 10% instead.

■ 24.2390, 22.2973,
35.3740

■ 24.2390, 22.2973,
35.3740

266.4447,
264.0949, 341.1704

■ 15.6367, 14.0755,
23.6653

■ 49.8718, 47.2369,
69.2229

■ 9.3567, 8.1732,
14.8756

■ 67.6330, 64.7235,
92.2001

■ 5.0335, 4.2060,
8.5865

■ 89.1778, 86.0671,
119.7706

■ 2.3019, 1.7894,
4.3793

114.8717,
111.6522, 152.3528

■ 0.7956, 0.4806,
1.8357

145.0800,
141.8631, 190.3654

■ 0.0000, 0.0000,
0.4513

180.1680,

■ 0.0000, 0.0000,

177.0843, 234.2268

0.0000

220.5011,
217.7001, 284.3556

■ 24.2390, 22.2973,
35.3740

■ 24.2390, 22.2973,
35.3740

■ 21.1750, 18.0396,
34.7140

■ 27.7112, 27.2361,
36.1446

■ 18.5002, 14.4291,
34.1581

■ 31.6053, 32.8826,
37.0293

■ 16.1969, 11.4330,
33.7012

■ 35.9372, 39.2649,
38.0329

■ 14.2453, 9.0142,
33.3372

■ 40.7210, 46.4091,
39.1597

■ 12.6233, 7.1318,
33.0593

■ 45.9702, 54.3399,
40.4138

■ 11.3061, 5.7392,
32.8599

■ 51.6978, 63.0808,
41.7991

■ 10.2645, 4.7811,
32.7299

■ 57.9163, 72.6544,
43.3193

■ 9.5867, 4.2292,
32.6591

■ 64.6376, 83.0823,
44.9778

■ 68.5310, 87.7011,
45.6641

Harmonies

Analogous

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



22.0245, 22.2973, 39.1836



24.2390, 22.2973, 35.3740



25.7000, 22.2973, 28.7963

Triad

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



24.2390, 22.2973, 35.3740



22.7169, 22.2973, 14.0854



17.0907, 22.2973, 26.7059

Complementary

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



24.2390, 22.2973, 35.3740



26.6181, 31.4598, 23.4095

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.



17.2462, 22.2973, 20.2588



24.2390, 22.2973, 35.3740



20.3825, 22.2973, 13.7319

Square

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



24.2390, 22.2973, 35.3740



24.7776, 22.2973, 16.8594



18.4134, 22.2973, 15.7851



17.9718, 22.2973, 33.6048

Rectangle

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



24.2390, 22.2973, 35.3740



25.9907, 22.2973, 24.1507



18.4134, 22.2973, 15.7851



17.0252, 22.2973, 24.4057

Sweetspot

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



24.2397, 22.2982, 35.3745



53.7705, 54.4368, 66.4168



23.7921, 25.5831, 36.0321



12.0362, 12.1476, 14.9540



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.



24.2397, 22.2982, 35.3745



40.9361, 36.1847, 63.5702



27.3557, 23.9046, 35.5203



6.5937, 6.5945, 8.3320



7.7236, 3.4107, 26.1585



0.1869, 0.0861, 0.4700

Inverse Universe

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



25.9179, 23.3295, 27.9491



44.6609, 38.4728, 47.1235



23.9712, 30.0953, 23.2856



6.7606, 6.6971, 7.5902



12.3786, 6.2560, 6.2447



0.2426, 0.1204, 0.2239

Previews

White Background



This preview shows how the XYZ color 24.2390, 22.2973, 35.3740 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 24.2390, 22.2973, 35.3740 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

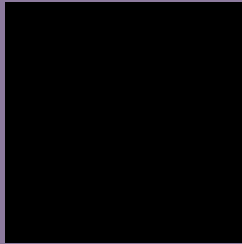
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.2390, 22.2973, 35.3740

Background



This preview shows how black text looks on a background with the XYZ color 24.2390, 22.2973, 35.3740.



This preview shows how white text looks on a background with the XYZ color 24.2390, 22.2973,

35.3740.

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

24.2390, 22.2973, 35.3740

Protanopia

22.3979, 22.4467, 37.3346

Deuteranopia

22.7284, 22.2802, 35.0009



Tritanopia

22.5860, 22.3882, 26.7978

Trichromacy



Original Color

24.2390, 22.2973, 35.3740

Protanomaly

23.0757, 22.4191, 36.8293

Deuteranomaly

23.2195, 22.3426, 34.9870

Tritanomaly

23.2192, 22.4550, 29.8985

Monochromacy



Original Color

24.2390, 22.2973, 35.3740

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

22.6496, 22.7745, 28.4015

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.2390, 22.2973, 35.3740 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, 123, 158)` looks like.

```
.text, #text, p{  
    color:rgb(141, 123, 158)  
}
```

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, 123, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 123, 158) }
```

Border

The CSS property to change the border of an element to XYZ 24.2390, 22.2973, 35.3740 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, 123, 158) }
```


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

```
.border{ border-color:rgb(141, 123, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 123, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 123, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 123, 158);  
box-shadow:4px 4px 4px 4px rgb(141, 123,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 24.2390, 22.2973, 35.3740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 123, 158) }
```

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

```
.background{ background-color: rgb(141,  
123, 158) }
```

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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