

Converting Colors

XYZ(24.7977, 23.9124, 37.2439)

Have a look what the booklet for
XYZ(24.7977, 23.9124, 37.2439)
contains.

XYZ(24.7322, 23.8568, 37.0195)	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(24.7322, 23.8568,
37.0195)**

Conversions

Conversions Part 1

Format	Color
Hex	8982A1
RGB	137, 130, 161
RGB Percent	54%, 51%, 63%
CMY	0.4627, 0.4902, 0.3686
CMYK	0.15, 0.19, 0.00, 0.37
HSL	254°, 14%, 57%
HSV	254°, 19%, 63%
XYZ	24.7322, 23.8568, 37.0195
YIQ	135.6270, -5.7790, 11.1250

Conversions

Conversions Part 2

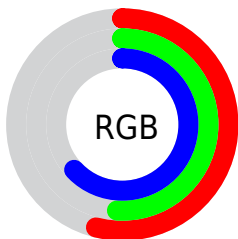
Format	Color
R_{YB}	137, 130, 161
Decimal	9011873
CIE Lab	55.94, 9.11, -15.55
CIE LCh	56, 18.019, 300.359
Yxy	23.8568, 0.2889, 0.2787
Android (android.graphics.Color)	4287201953 (0xFF8982A1)
YUV	135.6270, 12.5089, 1.2041
Hunter-Lab	48.8434, 4.9087, -10.7468

Details

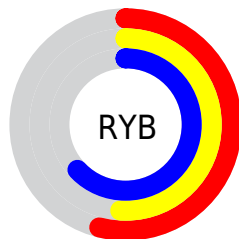
The XYZ color **24.7322, 23.8568, 37.0195** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **30.1012, 33.9720, 26.0909**, and the grayscale version is **23.2193, 24.4285, 26.6026**.

A 20% lighter version of the original color is **50.8140, 49.9012, 71.9195**, and **9.6332, 9.0152, 15.7004** is the 20% darker color. If you saturate the color by 10%, you get **20.8295, 18.9112, 36.2710**, and if you desaturate by 10%, it is **29.2076, 29.5963, 37.8918**.

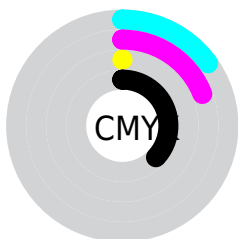
Distribution



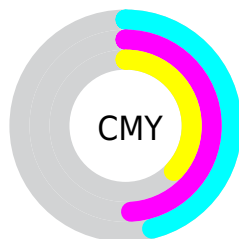
- Red (54%)
- Green (51%)
- Blue (63%)



- Red (54%)
- Yellow (51%)
- Blue (63%)



- Cyan (15%)
- Magenta (19%)
- Yellow (0%)
- Black (37%)



- Cyan (46%)
- Magenta (49%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.7322, 23.8568, 37.0195 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 24.7322, 23.8568, 37.0195 by changing the saturation by 10% instead.

■ 24.7322, 23.8568,
37.0195

■ 24.7322, 23.8568,
37.0195

268.8739,
272.0957, 348.5662

■ 16.0053, 15.2274,
24.9267

■ 50.6685, 49.7964,
71.7894

■ 9.6188, 8.9792,
15.8039

■ 68.6086, 67.8755,
95.3036

■ 5.2073, 4.7276,
9.2327

■ 90.3504, 89.8732,
123.4621

■ 2.4054, 2.0883,
4.7944

116.2594,
116.1740, 156.6832

■ 0.8478, 0.6581,
2.0705

146.7009,
147.1622, 195.3857

■ 0.0000, 0.0000,
0.5981

182.0403,

■ 0.0000, 0.0000,

183.2223, 239.9880

0.0000

222.6428,
224.7387, 290.9086

■ 24.7322, 23.8568,
37.0195

■ 24.7322, 23.8568,
37.0195

■ 20.8295, 18.9112,
36.2710

■ 29.2076, 29.5963,
37.8918

■ 17.4736, 14.7212,
35.6391

■ 34.2756, 36.1597,
38.8916

■ 14.6402, 11.2501,
35.1184

■ 39.9579, 43.5791,
40.0242

■ 12.3020, 8.4565,
34.7025

■ 46.2743, 51.8838,
41.2943

■ 10.4290, 6.2950,
34.3840

■ 53.2440, 61.1021,
42.7062

8.9882, 4.7144,
34.1548

60.8850, 71.2607,
44.2643

7.9413, 3.6553,
34.0056

69.2148, 82.3853,
45.9725

7.2193, 2.9979,
33.9167

77.0250, 92.0497,
47.4263

7.1730, 2.9547,
33.9108

81.3262, 94.2671,
47.6276

Harmonies

Analogous

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



22.7000, 23.8568, 39.0201



24.7322, 23.8568, 37.0195



26.2871, 23.8568, 31.9864

Triad

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



24.7322, 23.8568, 37.0195



24.6867, 23.8568, 17.3270



18.9478, 23.8568, 26.0470

Complementary

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



24.7322, 23.8568, 37.0195



30.1012, 33.9720, 26.0909

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.



19.4103, 23.8568, 20.7700



24.7322, 23.8568, 37.0195



22.6504, 23.8568, 16.2207

Square

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



24.7322, 23.8568, 37.0195



26.2597, 23.8568, 20.6643



20.7355, 23.8568, 17.3813



19.4326, 23.8568, 32.1279

Rectangle

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



24.7322, 23.8568, 37.0195



26.7996, 23.8568, 27.9183



20.7355, 23.8568, 17.3813



18.9973, 23.8568, 24.1259

Sweetspot

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



24.7329, 23.8578, 37.0200



55.0421, 56.5337, 68.3976



27.2421, 30.5246, 38.1746



11.9558, 12.2490, 14.9778



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.



24.7329, 23.8578, 37.0200



41.2509, 38.8561, 65.7123



27.4059, 25.2357, 37.1451



6.8432, 6.9335, 8.8807



5.7593, 2.3755, 27.0847



0.1584, 0.0692, 0.5709

Inverse Universe

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



28.5140, 25.8763, 34.0644



49.2898, 43.1504, 59.3030



27.3862, 32.5723, 25.9638



7.2956, 7.1747, 8.5429



14.6932, 7.2333, 16.1066



0.3247, 0.1584, 0.4225

Previews

White Background



This preview shows how the XYZ color 24.7322, 23.8568, 37.0195 looks on a white background.

Color Contrast Check

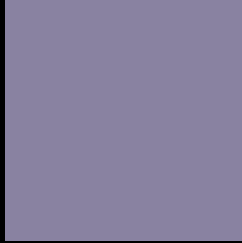
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.7322, 23.8568, 37.0195 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 24.7322, 23.8568, 37.0195

Background



This preview shows how black text looks on a background with the XYZ color 24.7322, 23.8568, 37.0195.



This preview shows how white text looks on a background with the XYZ color 24.7322, 23.8568,

37.0195.

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

24.7322, 23.8568, 37.0195

Protanopia

23.7508, 23.9314, 38.0178

Deuteranopia

24.3808, 23.8741, 37.0414



Tritanopia

23.2531, 23.8570, 29.7649

Trichromacy



Original Color

24.7322, 23.8568, 37.0195

Protanomaly

24.1329, 23.9365, 37.5307

Deuteranomaly

24.5410, 23.9567, 37.0489

Tritanomaly

23.7480, 23.8554, 32.2071

Monochromacy



Original Color

24.7322, 23.8568, 37.0195

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

23.7893, 24.3288, 30.2302

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.7322, 23.8568, 37.0195 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(137, 130, 161)` looks like.

```
.text, #text, p{  
    color:rgb(137, 130, 161)  
}
```

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(137, 130, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 130, 161) }
```

Border

The CSS property to change the border of an element to XYZ 24.7322, 23.8568, 37.0195 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(137, 130, 161) }
```


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

```
.border{ border-color:rgb(137, 130, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 130, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 130, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 130, 161);  
box-shadow:4px 4px 4px 4px rgb(137, 130,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 24.7322, 23.8568, 37.0195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 130, 161) }
```

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

```
.background{ background-color: rgb(137,  
130, 161) }
```

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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