

Converting Colors

XYZ(24.8081, 23.5041, 22.6017)

Have a look what the booklet for
XYZ(24.8081, 23.5041, 22.6017)
contains.

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Color

**XYZ(24.6801, 23.3709,
22.6123)**

Conversions

Conversions Part 1

Format	Color
Hex	9B7E7D
RGB	155, 126, 125
RGB Percent	61%, 49%, 49%
CMY	0.3922, 0.5059, 0.5098
CMYK	0.00, 0.19, 0.19, 0.39
HSL	2°, 13%, 55%
HSV	2°, 19%, 61%
XYZ	24.6801, 23.3709, 22.6123
YIQ	134.5570, 17.6050, 5.8370

Conversions

Conversions Part 2

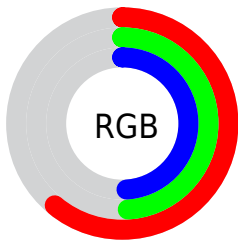
Format	Color
R_{YB}	155, 126, 125
Decimal	10190461
CIE _{Lab}	55.45, 11.00, 4.76
CIE _{LCh}	55, 11.986, 23.375
Yxy	23.3709, 0.3493, 0.3307
Android (android.graphics.Color)	4288380541 (0xFF9B7E7D)
YUV	134.5570, -4.7116, 17.9285
Hunter-Lab	48.3435, 6.5260, 6.1080

Details

The XYZ color **24.6801, 23.3709, 22.6123** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **25.9293, 29.8371, 35.4031**, and the grayscale version is **22.8780, 24.0694, 26.2116**.

A 20% lighter version of the original color is **50.7343, 49.1562, 48.9336**, and **9.5519, 8.7131, 8.0158** is the 20% darker color. If you saturate the color by 10%, you get **21.9919, 19.4572, 17.2063**, and if you desaturate by 10%, it is **27.8111, 27.9224, 28.9288**.

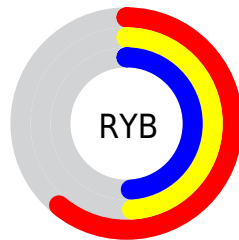
Distribution



Red (61%)

Green (49%)

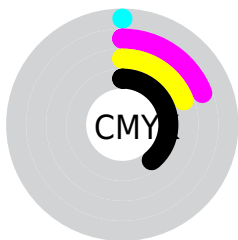
Blue (49%)



Red (61%)

Yellow (49%)

Blue (49%)

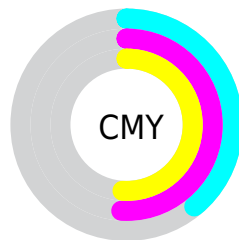


Cyan (0%)

Magenta (19%)

Yellow (19%)

Black (39%)



Cyan (39%)

Magenta (51%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.6801, 23.3709, 22.6123 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 24.6801, 23.3709, 22.6123 by changing the saturation by 10% instead.

■ 24.6801, 23.3709,
22.6123

■ 24.6801, 23.3709,
22.6123

268.6182,
269.6243, 278.7845

■ 15.9663, 14.8676,
14.1049

■ 50.5844, 49.0016,
48.6710

■ 9.5910, 8.7265,
8.0541

■ 68.5057, 66.8979,
67.0594

■ 5.1888, 4.5632,
4.0413

■ 90.2268, 88.6939,
89.5786

■ 2.3944, 1.9934,
1.6480

116.1132,
114.7741, 116.6470

■ 0.8423, 0.6036,
0.3247

146.5302,
145.5228, 148.6833

■ 0.0000, 0.0000,
0.0000

181.8431,

181.3245, 186.1059

222.4173,
222.5635, 229.3335

■ 24.6801, 23.3709,
22.6123

■ 24.6801, 23.3709,
22.6123

■ 21.9919, 19.4572,
17.2063

■ 27.8111, 27.9224,
28.9288

■ 19.7246, 16.1498,
12.6675

■ 31.4016, 33.1350,
36.1936

■ 17.8576, 13.4193,
8.9512

■ 35.4696, 39.0349,
44.4440

■ 16.3675, 11.2328,
6.0082

■ 40.0320, 45.6456,
53.7150

■ 15.2289, 9.5538,
3.7840

■ 45.1043, 52.9897,
64.0396

■ 14.4127, 8.3414,
2.2170

■ 50.7019, 61.0889,
75.4497

■ 13.8856, 7.5487,
1.2352

■ 56.8391, 69.9639,
87.9755

■ 13.5899, 7.1043,
0.6837

■ 63.5299, 79.6345,
101.6463

■ 13.5739, 7.0811,
0.6514

■ 67.3277, 85.7086,
107.6026

Harmonies

Analogous

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



24.8905, 23.3709, 26.3135



24.6801, 23.3709, 22.6123



23.7968, 23.3709, 19.9391

Triad

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



24.6801, 23.3709, 22.6123



20.1962, 23.3709, 21.2680



21.9155, 23.3709, 33.5611

Complementary

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



24.6801, 23.3709, 22.6123



25.9293, 29.8371, 35.4031

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.



20.7017, 23.3709, 31.8857



24.6801, 23.3709, 22.6123



19.7354, 23.3709, 24.5996

Square

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



24.6801, 23.3709, 22.6123



21.2002, 23.3709, 19.2196



19.9167, 23.3709, 28.5091



23.2583, 23.3709, 32.8921

Rectangle

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



24.6801, 23.3709, 22.6123



22.9637, 23.3709, 18.9726



19.9167, 23.3709, 28.5091



21.4795, 23.3709, 33.2483

Sweetspot

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



24.6807, 23.3720, 22.6128



51.7964, 52.8959, 55.8309



26.6842, 23.9692, 33.7922



11.6398, 11.8507, 12.4671



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.



24.6807, 23.3720, 22.6128



42.1351, 38.8512, 36.3399



26.7444, 27.4993, 23.3007



6.2245, 6.2541, 6.4849



10.9083, 5.6990, 0.5251



0.1669, 0.0929, 0.0091

Inverse Universe

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



25.9293, 29.8371, 35.4031



44.7670, 52.4812, 63.3067



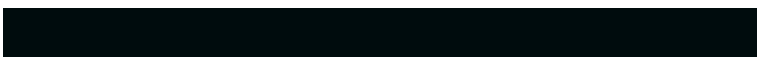
23.6068, 25.1921, 34.6290



6.3669, 6.9911, 7.9428



13.4947, 19.3861, 27.9384



0.2065, 0.2993, 0.4193

Previews

White Background



This preview shows how the XYZ color 24.6801, 23.3709, 22.6123 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 24.6801, 23.3709, 22.6123 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 24.6801, 23.3709, 22.6123

Background



This preview shows how black text looks on a background with the XYZ color 24.6801, 23.3709, 22.6123.



This preview shows how white text looks on a background with the XYZ color 24.6801, 23.3709,

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

24.6801, 23.3709, 22.6123

Protanopia

22.3671, 23.3217, 24.0916

Deuteranopia

23.8153, 23.3086, 22.6458



Tritanopia

25.3470, 23.4564, 25.7459

Trichromacy



Original Color

24.6801, 23.3709, 22.6123

Protanomaly

23.2066, 23.3634, 23.7085

Deuteranomaly

24.0535, 23.2387, 22.6198

Tritanomaly

25.1407, 23.3738, 24.6593

Monochromacy



Original Color

24.6801, 23.3709, 22.6123

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

23.5033, 23.8920, 24.8456

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.6801, 23.3709, 22.6123 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(155, 126, 125) looks like.

```
.text, #text, p{  
    color:rgb(155, 126, 125)  
}
```

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(155, 126, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 126, 125) }
```

Border

The CSS property to change the border of an element to XYZ 24.6801, 23.3709, 22.6123 is called "border". The border property can be set on classes, ids or directly on the HTML element.

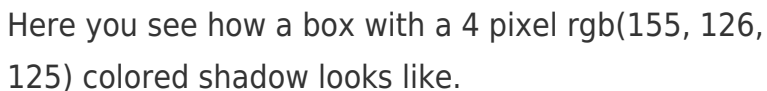
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(155, 126, 125) }
```


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

```
.border{ border-color:rgb(155, 126, 125) }
```

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



Here you see how a box with a 4 pixel `rgb(155, 126, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 126, 125); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 126, 125); box-shadow:4px 4px 4px 4px rgb(155, 126, 125) }
```

Background

The CSS property to change the background color of an element to XYZ 24.6801, 23.3709, 22.6123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 126, 125) }
```

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

```
.background{ background-color: rgb(155,  
126, 125) }
```

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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