

Converting Colors

XYZ(24.8536, 23.7336, 27.7210)

Have a look what the booklet for
XYZ(24.8536, 23.7336, 27.7210)
contains.

XYZ(24.7738, 23.6920, 27.6934)	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(24.7738, 23.6920,
27.6934)**

Conversions

Conversions Part 1

Format	Color
Hex	95808B
RGB	149, 128, 139
RGB Percent	58%, 50%, 55%
CMY	0.4157, 0.4980, 0.4549
CMYK	0.00, 0.14, 0.07, 0.42
HSL	329°, 9%, 54%
HSV	329°, 14%, 58%
XYZ	24.7738, 23.6920, 27.6934
YIQ	135.5330, 8.9850, 7.8730

Conversions

Conversions Part 2

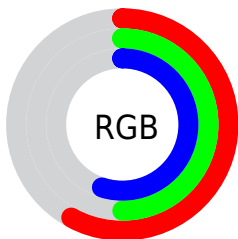
Format	Color
R _Y B	149, 128, 139
Decimal	9797771
CIE Lab	55.78, 10.00, -2.96
CIE LCh	56, 10.431, 343.504
Yxy	23.6920, 0.3253, 0.3111
Android (android.graphics.Color)	4287987851 (0xFF95808B)
YUV	135.5330, 1.7092, 11.8106
Hunter-Lab	48.6744, 5.6708, 0.3390

Details

The XYZ color **24.7738, 23.6920, 27.6934** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.2379, 27.9197, 28.1577**, and the grayscale version is **23.2193, 24.4286, 26.6027**.

A 20% lighter version of the original color is **50.6669, 49.5500, 56.7628**, and **9.6362, 8.9099, 10.6631** is the 20% darker color. If you saturate the color by 10%, you get **22.4696, 19.8864, 24.4498**, and if you desaturate by 10%, it is **27.3984, 28.0840, 31.2104**.

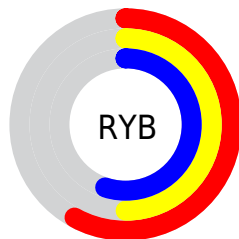
Distribution



Red (58%)

Green (50%)

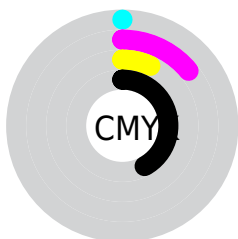
Blue (55%)



Red (58%)

Yellow (50%)

Blue (55%)

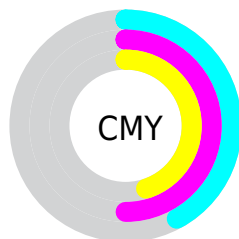


Cyan (0%)

Magenta (14%)

Yellow (7%)

Black (42%)



Cyan (42%)

Magenta (50%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.7738, 23.6920, 27.6934 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 24.7738, 23.6920, 27.6934 by changing the saturation by 10% instead.

■ 24.7738, 23.6920,
27.6934

■ 24.7738, 23.6920,
27.6934

269.0780,
271.2596, 304.8647

■ 16.0364, 15.1053,
17.8576

■ 50.7356, 49.5271,
57.0118

■ 9.6410, 8.8933,
10.6794

■ 68.6907, 67.5443,
77.3314

■ 5.2220, 4.6717,
5.7403

■ 90.4491, 89.4738,
101.9829

■ 2.4142, 2.0559,
2.6216

116.3762,
115.7000, 131.3845

■ 0.8522, 0.6397,
0.9036

146.8372,
146.6073, 165.9550

■ 0.0000, 0.0000,
0.0000

182.1977,

182.5801, 206.1128

222.8228,
224.0027, 252.2765

■ 24.7738, 23.6920,
27.6934

■ 24.7738, 23.6920,
27.6934

■ 22.4696, 19.8864,
24.4498

■ 27.3984, 28.0840,
31.2104

■ 20.4708, 16.6389,
21.4707

■ 30.3537, 33.0828,
35.0065

■ 18.7640, 13.9239,
18.7487

■ 33.6519, 38.7115,
39.0890

■ 17.3343, 11.7121,
16.2755

■ 37.3040, 44.9914,
43.4644

■ 16.1651, 9.9717,
14.0420

■ 41.3206, 51.9424,
48.1391

■ 15.2380, 8.6671,
12.0388

■ 45.7116, 59.5839,
53.1191

■ 14.5321, 7.7575,
10.2550

■ 50.4868, 67.9342,
58.4104

■ 14.0219, 7.1935,
8.6784

■ 55.6555, 77.0112,
64.0187

■ 13.7711, 6.9403,
7.8289

■ 58.9181, 82.2150,
69.1801

Harmonies

Analogous

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



24.1232, 23.6920, 30.8230



24.7738, 23.6920, 27.6934



24.8066, 23.6920, 24.3031

Triad

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



24.7738, 23.6920, 27.6934



21.9908, 23.6920, 19.9595



20.9066, 23.6920, 30.5527

Complementary

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



24.7738, 23.6920, 27.6934



24.2379, 27.9197, 28.1577

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.



20.3757, 23.6920, 27.3500



24.7738, 23.6920, 27.6934



20.9867, 23.6920, 21.3486

Square

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



24.7738, 23.6920, 27.6934



23.1715, 23.6920, 20.0339



20.4045, 23.6920, 23.9884



21.8780, 23.6920, 32.5702

Rectangle

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



24.7738, 23.6920, 27.6934



24.4716, 23.6920, 22.3608



20.4045, 23.6920, 23.9884



20.6722, 23.6920, 29.5674

Sweetspot

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



24.7745, 23.6930, 27.6939



49.0719, 50.3034, 55.9003



23.5931, 22.9957, 31.6292



10.7981, 11.0186, 12.2873



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



24.7745, 23.6930, 27.6939



42.9631, 40.1004, 47.6529



24.0570, 23.4060, 23.9156



5.9200, 5.8631, 6.6851



11.6053, 5.8472, 6.6685



0.1569, 0.0775, 0.1601

Inverse Universe

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



24.7745, 23.6930, 27.6939



42.9631, 40.1004, 47.6529



25.0193, 28.2323, 32.2727



5.9200, 5.8631, 6.6851



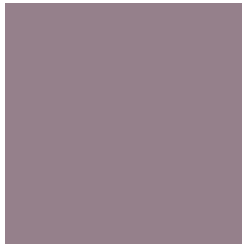
11.6053, 5.8472, 6.6685



0.1569, 0.0775, 0.1601

Previews

White Background



This preview shows how the XYZ color 24.7738, 23.6920, 27.6934 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 24.7738, 23.6920, 27.6934 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

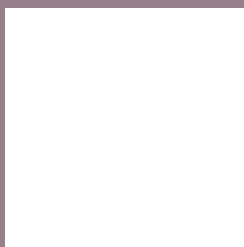
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.7738, 23.6920, 27.6934

Background



This preview shows how black text looks on a background with the XYZ color 24.7738, 23.6920, 27.6934.



This preview shows how white text looks on a background with the XYZ color 24.7738, 23.6920,

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

24.7738, 23.6920, 27.6934

Protanopia

23.1015, 23.7964, 28.9668

Deuteranopia

24.1444, 23.7586, 27.7394



Tritanopia

24.7010, 23.6629, 27.3103

Trichromacy



Original Color

24.7738, 23.6920, 27.6934

Protanomaly

23.5715, 23.6447, 28.5208

Deuteranomaly

24.3645, 23.6756, 27.7118

Tritanomaly

24.7010, 23.6629, 27.3103

Monochromacy



Original Color

24.7738, 23.6920, 27.6934

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

23.8874, 24.2439, 27.0875

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.7738, 23.6920, 27.6934 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(149, 128, 139)` looks like.

```
.text, #text, p{  
    color:rgb(149, 128, 139)  
}
```

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(149, 128, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 128, 139) }
```

Border

The CSS property to change the border of an element to XYZ 24.7738, 23.6920, 27.6934 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(149, 128, 139) }
```


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

```
.border{ border-color:rgb(149, 128, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 128, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 128, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 128, 139);  
box-shadow:4px 4px 4px 4px rgb(149, 128,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 24.7738, 23.6920, 27.6934 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 128, 139) }
```

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

```
.background{ background-color: rgb(149,  
128, 139) }
```

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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