

Converting Colors

XYZ(24.6142, 23.8628, 26.6480)

Have a look what the booklet for
XYZ(24.6142, 23.8628, 26.6480)
contains.

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Color

**XYZ(24.5069, 23.7740,
26.5897)**

Conversions

Conversions Part 1

Format	Color
Hex	948188
RGB	148, 129, 136
RGB Percent	58%, 51%, 53%
CMY	0.4196, 0.4941, 0.4667
CMYK	0.00, 0.13, 0.08, 0.42
HSL	338°, 8%, 54%
HSV	338°, 13%, 58%
XYZ	24.5069, 23.7740, 26.5897
YIQ	135.4790, 9.0770, 6.2050

Conversions

Conversions Part 2

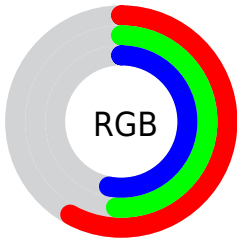
Format	Color
R_{YB}	148, 129, 136
Decimal	9732488
CIE Lab	55.86, 8.49, -1.11
CIE LCh	56, 8.567, 352.535
Yxy	23.7740, 0.3273, 0.3175
Android (android.graphics.Color)	4287922568 (0xFF948188)
YUV	135.4790, 0.2569, 10.9809
Hunter-Lab	48.7586, 4.3896, 1.7982

Details

The XYZ color **24.5069, 23.7740, 26.5897** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.4518, 27.7706, 29.2722**, and the grayscale version is **23.2044, 24.4129, 26.5856**.

A 20% lighter version of the original color is **50.2704, 49.6866, 55.0850**, and **9.4781, 8.9506, 10.0322** is the 20% darker color. If you saturate the color by 10%, you get **22.0613, 19.8998, 22.6383**, and if you desaturate by 10%, it is **27.2942, 28.2382, 30.9416**.

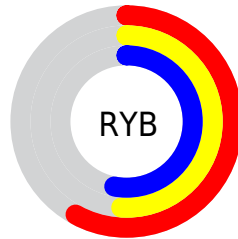
Distribution



Red (58%)

Green (51%)

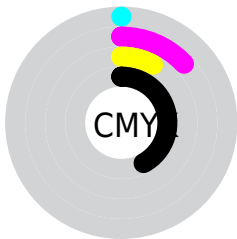
Blue (53%)



Red (58%)

Yellow (51%)

Blue (53%)

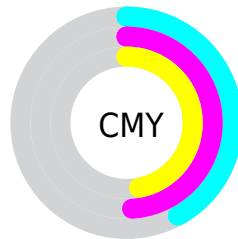


Cyan (0%)

Magenta (13%)

Yellow (8%)

Black (42%)



Cyan (42%)

Magenta (49%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.5069, 23.7740, 26.5897 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 24.5069, 23.7740, 26.5897 by changing the saturation by 10% instead.

■ 24.5069, 23.7740,
26.5897

■ 24.5069, 23.7740,
26.5897

267.7664,
271.6759, 299.3621

■ 15.8368, 15.1661,
17.0356

■ 50.3048, 49.6611,
55.2205

■ 9.4989, 8.9360,
10.0977

■ 68.1634, 67.7091,
75.1342

■ 5.1277, 4.6995,
5.3573

■ 89.8155, 89.6726,
99.3383

■ 2.3579, 2.0720,
2.3960

115.6264,
115.9360, 128.2512

■ 0.8240, 0.6488,
0.7843

145.9617,
146.8836, 162.2915

■ 0.0000, 0.0000,
0.0000

181.1865,

182.8998, 201.8777

221.6663,
224.3691, 247.4284

■ 24.5069, 23.7740,
26.5897

■ 24.5069, 23.7740,
26.5897

■ 22.0613, 19.8998,
22.6383

■ 27.2942, 28.2382,
30.9416

■ 19.9418, 16.5878,
19.0740

■ 30.4340, 33.3126,
35.7036

■ 18.1346, 13.8124,
15.8849

■ 33.9391, 39.0203,
40.8871

■ 16.6240, 11.5451,
13.0580

■ 37.8209, 45.3821,
46.5025

■ 15.3932, 9.7543,
10.5793

■ 42.0904, 52.4180,
52.5598

■ 14.4231, 8.4051,
8.4338

■ 46.7582, 60.1471,
59.0686

■ 13.6924, 7.4579,
6.6052

■ 51.8345, 68.5878,
66.0382

■ 13.1760, 6.8655,
5.0754

■ 57.3290, 77.7576,
73.4778

■ 12.8908, 6.5671,
4.1417

■ 60.9096, 82.9907,
80.6157

Harmonies

Analogous

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



24.1175, 23.7740, 29.2912



24.5069, 23.7740, 26.5897



24.3728, 23.7740, 23.8820

Triad

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



24.5069, 23.7740, 26.5897



21.8855, 23.7740, 21.2363



21.4751, 23.7740, 30.3859

Complementary

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



24.5069, 23.7740, 26.5897



24.4518, 27.7706, 29.2722

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.



20.9086, 23.7740, 27.9987



24.5069, 23.7740, 26.5897



21.1408, 23.7740, 22.7552

Square

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



24.5069, 23.7740, 26.5897



22.8409, 23.7740, 20.9185



20.7880, 23.7740, 25.1945



22.3538, 23.7740, 31.5832

Rectangle

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



24.5069, 23.7740, 26.5897



24.0063, 23.7740, 22.4229



20.7880, 23.7740, 25.1945



21.2429, 23.7740, 29.6882

Sweetspot

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



24.5076, 23.7750, 26.5902



47.5137, 48.7868, 53.6001



24.1328, 23.4777, 31.2769



10.7642, 11.0050, 12.1088



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.



24.5076, 23.7750, 26.5902



42.1237, 40.1702, 45.1341



24.3214, 24.1728, 24.1541



5.8838, 5.8486, 6.4945



11.0230, 5.6143, 3.6023



0.1483, 0.0741, 0.1144

Inverse Universe

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



24.5076, 23.7750, 26.5902



42.1237, 40.1702, 45.1341



24.6448, 27.2969, 31.9871



5.8838, 5.8486, 6.4945



11.0230, 5.6143, 3.6023



0.1483, 0.0741, 0.1144

Previews

White Background



This preview shows how the XYZ color 24.5069, 23.7740, 26.5897 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 24.5069, 23.7740, 26.5897 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

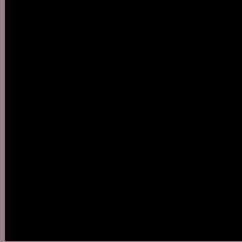
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.5069, 23.7740, 26.5897

Background



This preview shows how black text looks on a background with the XYZ color 24.5069, 23.7740, 26.5897.



This preview shows how white text looks on a background with the XYZ color 24.5069, 23.7740,

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

24.5069, 23.7740, 26.5897

Protanopia

22.9666, 23.7609, 27.4206

Deuteranopia

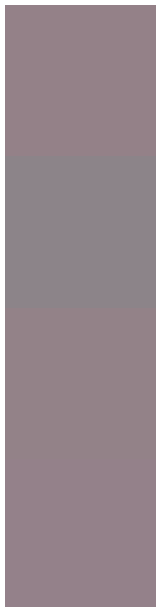
24.2806, 23.8538, 26.6171



Tritanopia

24.7232, 23.8605, 27.7286

Trichromacy



Original Color

24.5069, 23.7740, 26.5897

Protanomaly

23.5818, 23.8841, 27.0341

Deuteranomaly

24.4592, 23.9459, 26.6254

Tritanomaly

24.6504, 23.8314, 27.3455

Monochromacy



Original Color

24.5069, 23.7740, 26.5897

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

23.5759, 24.0998, 26.3308

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.5069, 23.7740, 26.5897 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(148, 129, 136)` looks like.

```
.text, #text, p{  
    color:rgb(148, 129, 136)  
}
```

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(148, 129, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 129, 136) }
```

Border

The CSS property to change the border of an element to XYZ 24.5069, 23.7740, 26.5897 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(148, 129, 136) }
```


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

```
.border{ border-color:rgb(148, 129, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 129, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 129, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 129, 136);  
box-shadow:4px 4px 4px 4px rgb(148, 129,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 24.5069, 23.7740, 26.5897 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 129, 136) }
```

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

```
.background{ background-color: rgb(148,  
129, 136) }
```

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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