

Converting Colors

XYZ(24.7311, 24.7654, 23.2154)

Have a look what the booklet for
XYZ(24.7311, 24.7654, 23.2154)
contains.

XYZ(24.7311, 24.7654, 23.2154)	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(24.7311, 24.7654,
23.2154)**

Conversions

Conversions Part 1

Format	Color
Hex	96857E
RGB	150, 133, 126
RGB Percent	59%, 52%, 49%
CMY	0.4118, 0.4784, 0.5059
CMYK	0.00, 0.11, 0.16, 0.41
HSL	18°, 10%, 54%
HSV	18°, 16%, 59%
XYZ	24.7311, 24.7654, 23.2154
YIQ	137.2850, 12.3790, 1.4270

Conversions

Conversions Part 2

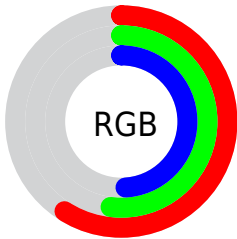
Format	Color
R_{YB}	150, 136, 126
Decimal	9864574
CIE _{Lab}	56.85, 5.21, 6.11
CIE _{LCh}	57, 8.036, 49.544
Y _{xy}	24.7654, 0.3401, 0.3406
Android (android.graphics.Color)	4288054654 (0xFF96857E)
Y _{UV}	137.2850, -5.5635, 11.1511
Hunter-Lab	49.7648, 1.6187, 7.1765

Details

The XYZ color **24.7311, 24.7654, 23.2154** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.9316, 26.2821, 32.6661**, and the grayscale version is **23.9033, 25.1482, 27.3864**.

A 20% lighter version of the original color is **50.5974, 51.2099, 49.8655**, and **9.6555, 9.5291, 8.3516** is the 20% darker color. If you saturate the color by 10%, you get **22.4534, 21.6444, 18.0336**, and if you desaturate by 10%, it is **27.3024, 28.2409, 29.2118**.

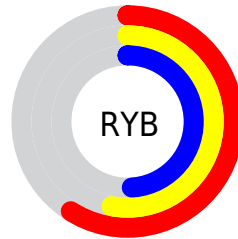
Distribution



Red (59%)

Green (52%)

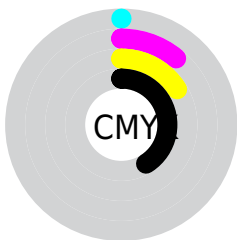
Blue (49%)



Red (59%)

Yellow (53%)

Blue (49%)

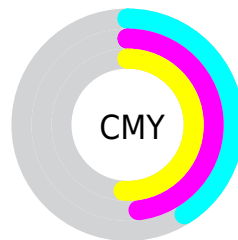


Cyan (0%)

Magenta (11%)

Yellow (16%)

Black (41%)



Cyan (41%)

Magenta (48%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.7311, 24.7654, 23.2154 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 24.7311, 24.7654, 23.2154 by changing the saturation by 10% instead.

■ 24.7311, 24.7654,
23.2154

■ 24.7311, 24.7654,
23.2154

268.8685,
276.6676, 281.9871

■ 16.0045, 15.9024,
14.5458

■ 50.6667, 51.2764,
49.6744

■ 9.6182, 9.4551,
8.3582

■ 68.6064, 69.6931,
68.3010

■ 5.2069, 5.0392,
4.2340

■ 90.3478, 92.0632,
91.0837

■ 2.4051, 2.2703,
1.7546

116.2564,
118.7710, 118.4409

■ 0.8477, 0.7579,
0.3977

146.6973,
150.2009, 150.7914

■ 0.0000, 0.0000,
0.0000

182.0361,

186.7374, 188.5535

222.6381,
228.7649, 232.1459

■ 24.7311, 24.7654,
23.2154

■ 24.7311, 24.7654,
23.2154

■ 22.4534, 21.6444,
18.0336

■ 27.3024, 28.2409,
29.2118

■ 20.4565, 18.8634,
13.6294

■ 30.1756, 32.0784,
36.0543

■ 18.7297, 16.4115,
9.9653

■ 33.3610, 36.2892,
43.7749

■ 17.2605, 14.2761,
7.0002

■ 36.8678, 40.8832,
52.4032

■ 16.0357, 12.4438,
4.6888

■ 40.7049, 45.8699,
61.9676

■ 15.0406, 10.9002,
2.9803

■ 44.8808, 51.2584,
72.4951

■ 14.2587, 9.6292,
1.8166

■ 49.4038, 57.0576,
84.0118

■ 13.6683, 8.6125,
1.1143

■ 54.2816, 63.2761,
96.5426

■ 13.4698, 8.2681,
0.8860

■ 58.5405, 69.5295,
104.9429

Harmonies

Analogous

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



25.2834, 24.7654, 25.2706



24.7311, 24.7654, 23.2154



23.8683, 24.7654, 22.1887

Triad

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



24.7311, 24.7654, 23.2154



21.8058, 24.7654, 26.0368



24.1486, 24.7654, 32.1433

Complementary

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



24.7311, 24.7654, 23.2154



23.9316, 26.2821, 32.6661

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.



23.2123, 24.7654, 32.3825



24.7311, 24.7654, 23.2154



21.8763, 24.7654, 28.7342

Square

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



24.7311, 24.7654, 23.2154



22.1901, 24.7654, 23.7442



22.3854, 24.7654, 31.0987



24.9410, 24.7654, 30.4653

Rectangle

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



24.7311, 24.7654, 23.2154



23.2404, 24.7654, 22.1761



22.3854, 24.7654, 31.0987



23.8397, 24.7654, 32.3987

Sweetspot

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



24.7318, 24.7665, 23.2159



48.6171, 50.4222, 52.5779



25.0119, 23.3953, 29.2639



10.7064, 11.0833, 11.4920



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.



24.7318, 24.7665, 23.2159



42.2321, 41.7791, 37.7267



26.4387, 28.1804, 23.7849



5.9305, 6.0748, 6.1004



11.1964, 6.9073, 0.7431



0.1600, 0.1304, 0.0167

Inverse Universe

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



23.9316, 26.2821, 32.6661



40.5606, 44.9421, 57.4582



22.2527, 22.9244, 32.1064



5.8227, 6.2793, 7.3749



8.8889, 10.4726, 25.4840



0.1343, 0.1792, 0.3204

Previews

White Background



This preview shows how the XYZ color 24.7311, 24.7654, 23.2154 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 24.7311, 24.7654, 23.2154 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

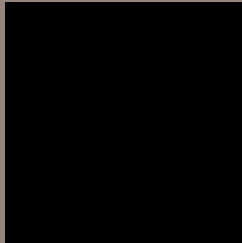
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.7311, 24.7654, 23.2154

Background



This preview shows how black text looks on a background with the XYZ color 24.7311, 24.7654, 23.2154.

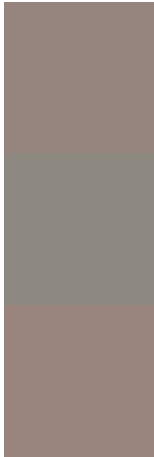


This preview shows how white text looks on a background with the XYZ color 24.7311, 24.7654,

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

24.7311, 24.7654, 23.2154

Protanopia

23.6849, 24.8296, 23.9663

Deuteranopia

25.1540, 24.7812, 23.1962



Tritanopia

25.8729, 24.8311, 28.6285

Trichromacy



Original Color

24.7311, 24.7654, 23.2154

Protanomaly

23.9963, 24.7895, 23.5988

Deuteranomaly

24.9661, 24.6843, 23.1874

Tritanomaly

25.4577, 24.8594, 26.7491

Monochromacy



Original Color

24.7311, 24.7654, 23.2154

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

24.1931, 25.0526, 25.7508

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.7311, 24.7654, 23.2154 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(150, 133, 126)` looks like.

```
.text, #text, p{  
    color:rgb(150, 133, 126)  
}
```

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(150, 133, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 133, 126) }
```

Border

The CSS property to change the border of an element to XYZ 24.7311, 24.7654, 23.2154 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(150, 133, 126) }
```


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

```
.border{ border-color:rgb(150, 133, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 133, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 133, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 133, 126);  
box-shadow:4px 4px 4px 4px rgb(150, 133,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 24.7311, 24.7654, 23.2154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 133, 126) }
```

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

```
.background{ background-color: rgb(150,  
133, 126) }
```

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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