

Converting Colors

XYZ(23.4732, 24.8817, 24.3454)

Have a look what the booklet for
XYZ(23.4732, 24.8817, 24.3454)
contains.

XYZ(23.5556, 24.9653, 24.3461)	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(23.5556, 24.9653,
24.3461)**

Conversions

Conversions Part 1

Format	Color
Hex	8B8981
RGB	139, 137, 129
RGB Percent	55%, 54%, 51%
CMY	0.4549, 0.4627, 0.4941
CMYK	0.00, 0.01, 0.07, 0.45
HSL	48°, 4%, 53%
HSV	48°, 7%, 55%
XYZ	23.5556, 24.9653, 24.3461
YIQ	136.6860, 3.7600, -2.0640

Conversions

Conversions Part 2

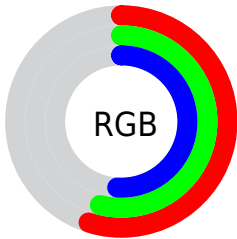
Format	Color
R_{YB}	132, 139, 129
Decimal	9144705
CIE _{Lab}	57.04, -0.77, 4.54
CIE _{LCh}	57, 4.607, 99.592
Yxy	24.9653, 0.3233, 0.3426
Android (android.graphics.Color)	4287334785 (0xFF8B8981)
YUV	136.6860, -3.7892, 2.0294
Hunter-Lab	49.9653, -3.2873, 6.0860

Details

The XYZ color **23.5556, 24.9653, 24.3461** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **21.8297, 22.7634, 27.6697**, and the grayscale version is **23.6728, 24.9056, 27.1223**.

A 20% lighter version of the original color is **48.5952, 51.4108, 51.6180**, and **8.9760, 9.5194, 8.9538** is the 20% darker color. If you saturate the color by 10%, you get **22.3045, 23.8423, 19.6765**, and if you desaturate by 10%, it is **24.9440, 26.1611, 29.6822**.

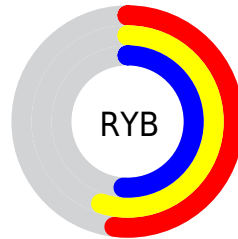
Distribution



Red (55%)

Green (54%)

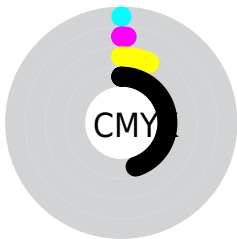
Blue (51%)



Red (52%)

Yellow (55%)

Blue (51%)

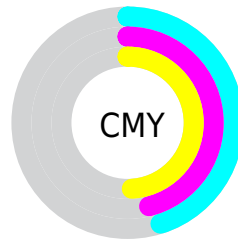


Cyan (0%)

Magenta (1%)

Yellow (7%)

Black (45%)



Cyan (45%)

Magenta (46%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.5556, 24.9653, 24.3461 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 23.5556, 24.9653, 24.3461 by changing the saturation by 10% instead.

■ 23.5556, 24.9653,
24.3461

■ 23.5556, 24.9653,
24.3461

263.0483,
277.6651, 287.9083

■ 15.1272, 16.0512,
15.3760

■ 48.7640, 51.6009,
51.5453

■ 8.9956, 9.5604,
8.9341

■ 66.2747, 70.0912,
70.6114

■ 4.7954, 5.1085,
4.6020

■ 87.5437, 92.5424,
93.8800

■ 2.1613, 2.3110,
1.9611

112.9361,
119.3389, 121.7696

■ 0.7222, 0.7795,
0.5312

142.8175,
150.8650, 154.6987

■ 0.0000, 0.0000,
0.0000

177.5530,

187.5051, 193.0858

217.5082,
229.6437, 237.3495

■ 23.5556, 24.9653,
24.3461

■ 23.5556, 24.9653,
24.3461

■ 22.3045, 23.8423,
19.6765

■ 24.9440, 26.1611,
29.6822

■ 21.1834, 22.7866,
15.6453

■ 26.4724, 27.4285,
35.7083

■ 20.1877, 21.7970,
12.2246

■ 28.1461, 28.7705,
42.4487

■ 19.3114, 20.8711,
9.3839

■ 29.9695, 30.1890,
49.9260

■ 18.5482, 20.0063,
7.0901

■ 31.9467, 31.6857,
58.1620

■ 17.8910, 19.1994,
5.3066

■ 34.0818, 33.2624,
67.1772

■ 17.3321, 18.4474,
3.9924

■ 36.3786, 34.9207,
76.9916

■ 16.8623, 17.7464,
3.1004

■ 38.8407, 36.6622,
87.6246

■ 16.4650, 17.0897,
2.5428

■ 41.4719, 38.4886,
99.0946

Harmonies

Analogous

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



24.0939, 24.9653, 24.4816



23.5556, 24.9653, 24.3461



23.0710, 24.9653, 24.9482

Triad

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



23.5556, 24.9653, 24.3461



22.9350, 24.9653, 29.1290



24.7186, 24.9653, 28.2366

Complementary

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



23.5556, 24.9653, 24.3461



21.8297, 22.7634, 27.6697

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.



24.3989, 24.9653, 29.5474



23.5556, 24.9653, 24.3461



23.3674, 24.9653, 30.0761

Square

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



23.5556, 24.9653, 24.3461



22.7164, 24.9653, 27.6832



23.9028, 24.9653, 30.2321



24.7708, 24.9653, 26.6888

Rectangle

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



23.5556, 24.9653, 24.3461



22.8416, 24.9653, 25.7007



23.9028, 24.9653, 30.2321



24.6386, 24.9653, 28.7212

Sweetspot

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



23.5563, 24.9664, 24.3466



43.4337, 45.7959, 48.3698



22.5948, 22.8285, 24.6885



10.0158, 10.5591, 11.1750



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



23.5563, 24.9664, 24.3466



41.7168, 44.2970, 41.8322



23.3487, 25.2848, 24.4190



5.3477, 5.6781, 5.3665



14.7758, 15.2859, 2.1717



0.1081, 0.1215, 0.0178

Inverse Universe

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



21.8297, 22.7634, 27.6697



37.8163, 39.3204, 49.3394



22.0265, 22.4705, 27.6028



4.8503, 5.0436, 6.3237



4.5863, 2.4429, 22.2755



0.0390, 0.0333, 0.1508

Previews

White Background



This preview shows how the XYZ color 23.5556, 24.9653, 24.3461 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 23.5556, 24.9653, 24.3461 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

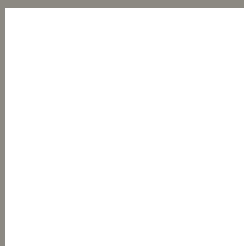
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.5556, 24.9653, 24.3461

Background



This preview shows how black text looks on a background with the XYZ color 23.5556, 24.9653, 24.3461.



This preview shows how white text looks on a background with the XYZ color 23.5556, 24.9653,

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

23.5556, 24.9653, 24.3461

Protanopia

23.7511, 24.8560, 24.3148

Deuteranopia

25.4174, 24.8865, 24.5830



Tritanopia

24.7593, 25.0350, 30.3153

Trichromacy



Original Color

23.5556, 24.9653, 24.3461

Protanomaly

23.5818, 24.7687, 24.3068

Deuteranomaly

24.7671, 24.9578, 24.6311

Tritanomaly

24.2796, 25.0478, 27.9811

Monochromacy



Original Color

23.5556, 24.9653, 24.3461

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

23.7300, 25.0158, 26.1321

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.5556, 24.9653, 24.3461 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(139, 137, 129)` looks like.

```
.text, #text, p{  
    color:rgb(139, 137, 129)  
}
```

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(139, 137, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 137, 129) }
```

Border

The CSS property to change the border of an element to XYZ 23.5556, 24.9653, 24.3461 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(139, 137, 129) }
```


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

```
.border{ border-color:rgb(139, 137, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 137, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 137, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 137, 129);  
box-shadow:4px 4px 4px 4px rgb(139, 137,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 23.5556, 24.9653, 24.3461 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 137, 129) }
```

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

```
.background{ background-color: rgb(139,  
137, 129) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor