

Converting Colors

XYZ(22.3381, 23.8491, 25.3595)

Have a look what the booklet for
XYZ(22.3381, 23.8491, 25.3595)
contains.

XYZ(22.3446, 23.8994, 25.2652)	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(22.3446, 23.8994,
25.2652)**

Conversions

Conversions Part 1

Format	Color
Hex	848784
RGB	132, 135, 132
RGB Percent	52%, 53%, 52%
CMY	0.4823, 0.4706, 0.4823
CMYK	0.02, 0.00, 0.02, 0.47
HSL	120°, 1%, 52%
HSV	120°, 2%, 53%
XYZ	22.3446, 23.8994, 25.2652
YIQ	133.7610, -0.8250, -1.5690

Conversions

Conversions Part 2

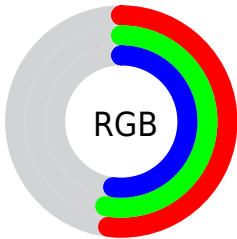
Format	Color
R_{YB}	132, 135, 135
Decimal	8685444
CIE _{Lab}	55.99, -1.70, 1.22
CIE _{LCh}	56, 2.089, 144.412
Yxy	23.8994, 0.3125, 0.3342
Android (android.graphics.Color)	4286875524 (0xFF848784)
YUV	133.7610, -0.8682, -1.5444
Hunter-Lab	48.8870, -3.9660, 3.5794

Details

The XYZ color **22.3446, 23.8994, 25.2652** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **22.6169, 23.4033, 26.2481**, and the grayscale version is **22.5761, 23.7519, 25.8658**.

A 20% lighter version of the original color is **46.7478, 49.7835, 53.0442**, and **8.3771, 8.9605, 9.4716** is the 20% darker color. If you saturate the color by 10%, you get **19.5039, 22.5356, 20.6178**, and if you desaturate by 10%, it is **25.5795, 25.4540, 30.5562**.

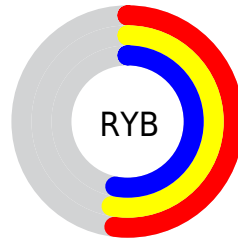
Distribution



Red (52%)

Green (53%)

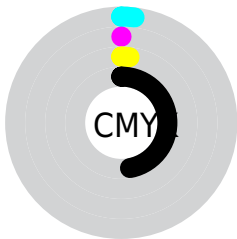
Blue (52%)



Red (52%)

Yellow (53%)

Blue (53%)

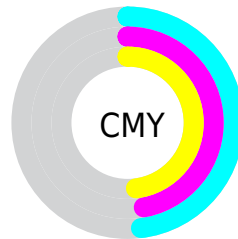


Cyan (2%)

Magenta (0%)

Yellow (2%)

Black (47%)



Cyan (48%)

Magenta (47%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.3446, 23.8994, 25.2652 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 22.3446, 23.8994, 25.2652 by changing the saturation by 10% instead.

■ 22.3446, 23.8994,
25.2652

■ 22.3446, 23.8994,
25.2652

256.9393,
272.3115, 292.6459

■ 14.2283, 15.2590,
16.0539

■ 46.7895, 49.8660,
53.0566

■ 8.3624, 9.0014,
9.4076

■ 63.8489, 67.9610,
72.4738

■ 4.3815, 4.7421,
4.9075

■ 84.6200, 89.9763,
96.1300

■ 1.9201, 2.0967,
2.1353

109.4682,
116.2963, 124.4438

■ 0.5885, 0.6628,
0.6367

138.7589,
147.3055, 157.8338

■ 0.0000, 0.0000,
0.0000

172.8574,

183.3881, 196.7185

212.1291,
224.9286, 241.5163

■ 22.3446, 23.8994,
25.2652

■ 22.3446, 23.8994,
25.2652

■ 19.5039, 22.5356,
20.6178

■ 25.5795, 25.4540,
30.5562

■ 17.0403, 21.3522,
16.5880

■ 29.2206, 27.2030,
36.5123

■ 14.9386, 20.3426,
13.1502

■ 33.2821, 29.1539,
43.1561

■ 13.1818, 19.4988,
10.2766

■ 37.7769, 31.3130,
50.5086

■ 11.7515, 18.8117,
7.9370

■ 42.7171, 33.6860,
58.5899

■ 10.6275, 18.2718,
6.0986

■ 48.1146, 36.2787,
67.4193

■ 9.7875, 17.8683,
4.7247

■ 53.9808, 39.0965,
77.0154

■ 9.2061, 17.5890,
3.7739

■ 60.3267, 42.1447,
87.3961

■ 8.8535, 17.4197,
3.1973

■ 67.1627, 45.4284,
98.5786

Harmonies

Analogous

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



22.5266, 23.8994, 24.8442



22.3446, 23.8994, 25.2652



22.2621, 23.8994, 25.8947

Triad

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



22.3446, 23.8994, 25.2652



22.6710, 23.8994, 27.3521



23.1360, 23.8994, 25.4831

Complementary

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



22.3446, 23.8994, 25.2652



22.6169, 23.4033, 26.2481

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.



23.1753, 23.8994, 26.1505



22.3446, 23.8994, 25.2652



22.9058, 23.8994, 27.2373

Square

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



22.3446, 23.8994, 25.2652



22.4497, 23.8994, 27.1056



23.0908, 23.8994, 26.7945



22.9837, 23.8994, 24.9684

Rectangle

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



22.3446, 23.8994, 25.2652



22.2742, 23.8994, 26.3508



23.0908, 23.8994, 26.7945



23.1629, 23.8994, 25.6967

Sweetspot

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



22.3453, 23.9004, 25.2657



40.6722, 43.1151, 46.3202



22.8145, 24.1320, 25.2857



9.4280, 9.9892, 10.7415



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



22.3453, 23.9004, 25.2657



39.5581, 42.5800, 44.4979



22.4452, 23.9404, 25.7924



4.9728, 5.3760, 5.5737



7.9894, 15.9786, 2.6631



0.0277, 0.0554, 0.0092

Inverse Universe

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



22.6169, 23.4033, 26.2481



40.2256, 41.3587, 46.9113



22.5155, 23.3627, 25.7136



5.0729, 5.1928, 5.9357



13.2446, 6.3620, 21.6666



0.0459, 0.0220, 0.0751

Previews

White Background



This preview shows how the XYZ color 22.3446, 23.8994, 25.2652 looks on a white background.

Color Contrast Check

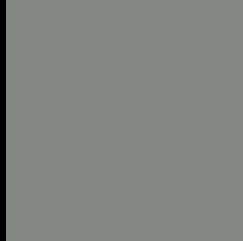
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.3446, 23.8994, 25.2652 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

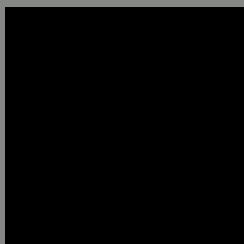
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

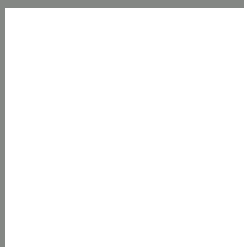
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 22.3446, 23.8994, 25.2652

Background



This preview shows how black text looks on a background with the XYZ color 22.3446, 23.8994, 25.2652.



This preview shows how white text looks on a background with the XYZ color 22.3446, 23.8994,

25.2652.

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

22.3446, 23.8994, 25.2652

Protanopia

22.8008, 23.7321, 24.8518

Deuteranopia

24.2489, 23.8618, 25.5180



Tritanopia

23.2531, 23.8570, 29.7649

Trichromacy



Original Color

22.3446, 23.8994, 25.2652

Protanomaly

22.6135, 23.8398, 24.8824

Deuteranomaly

23.6402, 23.9468, 25.5665

Tritanomaly

22.9316, 23.9302, 28.2213

Monochromacy



Original Color

22.3446, 23.8994, 25.2652

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

22.4316, 23.7302, 25.5884

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.3446, 23.8994, 25.2652 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(132, 135, 132)` looks like.

```
.text, #text, p{  
    color:rgb(132, 135, 132)  
}
```

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(132, 135, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 135, 132) }
```

Border

The CSS property to change the border of an element to XYZ 22.3446, 23.8994, 25.2652 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(132, 135, 132) }
```


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

```
.border{ border-color:rgb(132, 135, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 135, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 135, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 135, 132);  
box-shadow:4px 4px 4px 4px rgb(132, 135,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 22.3446, 23.8994, 25.2652 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 135, 132) }
```

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

```
.background{ background-color: rgb(132,  
135, 132) }
```

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