

Converting Colors

XYZ(22.8448, 23.6693, 25.3467)

Have a look what the booklet for
XYZ(22.8448, 23.6693, 25.3467)
contains.

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Color

**XYZ(22.8689, 23.7594,
25.2105)**

Conversions

Conversions Part 1	
Format	Color
Hex	898584
RGB	137, 133, 132
RGB Percent	54%, 52%, 52%
CMY	0.4627, 0.4784, 0.4823
CMYK	0.00, 0.03, 0.04, 0.46
HSL	12°, 2%, 53%
HSV	12°, 4%, 54%
XYZ	22.8689, 23.7594, 25.2105
YIQ	134.0820, 2.7050, 0.5370

Conversions

Conversions Part 2

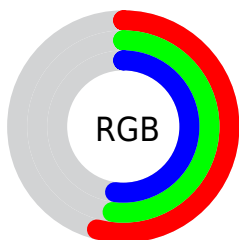
Format	Color
RYB	137, 133, 132
Decimal	9012612
CIELab	55.85, 1.30, 1.06
CIELCh	56, 1.681, 39.166
Yxy	23.7594, 0.3183, 0.3307
Android (android.graphics.Color)	4287202692 (0xFF898584)
YUV	134.0820, -1.0264, 2.5591
Hunter-Lab	48.7436, -1.5550, 3.4554

Details

The XYZ color **22.8689, 23.7594, 25.2105** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **22.8351, 24.3195, 27.1577**, and the grayscale version is **22.6937, 23.8755, 26.0004**.

A 20% lighter version of the original color is **47.5511, 49.5677, 52.9603**, and **8.6621, 8.9914, 9.4626** is the 20% darker color. If you saturate the color by 10%, you get **20.5703, 20.5652, 20.1188**, and if you desaturate by 10%, it is **25.4483, 27.3177, 31.0039**.

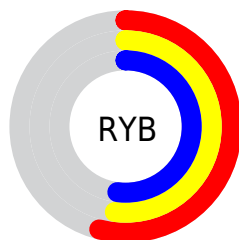
Distribution



Red (54%)

Green (52%)

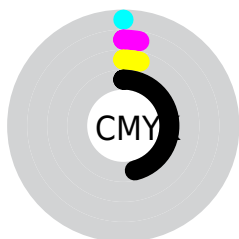
Blue (52%)



Red (54%)

Yellow (52%)

Blue (52%)

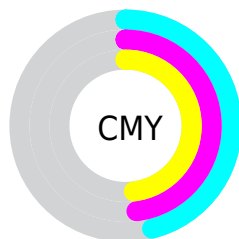


Cyan (0%)

Magenta (3%)

Yellow (4%)

Black (46%)



Cyan (46%)


Magenta (48%)


Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 22.8689, 23.7594, 25.2105 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 22.8689, 23.7594, 25.2105 by changing the saturation by 10% instead.


 22.8689, 23.7594,
25.2105


 22.8689, 23.7594,
25.2105


259.5989,
271.6018, 292.3658


 14.6169, 15.1552,
16.0135


 47.6462, 49.6373,
52.9669

 8.6355, 8.9284,
9.3793


 64.9022, 67.6798,
72.3633

 4.5594, 4.6945,
4.8892

 85.8903, 89.6372,
95.9967

 2.0232, 2.0692,
2.1248

110.9758,
115.8940, 124.2854

 0.6470, 0.6472,
0.6305


140.5240,
146.8344, 157.6482


 0.0000, 0.0000,
0.0000


174.9004,


182.8429, 196.5035


214.4702,
224.3039, 241.2698


 22.8689, 23.7594,
25.2105


 22.8689, 23.7594,
25.2105


 20.5703, 20.5652,
20.1188


 25.4483, 27.3177,
31.0039


 18.5411, 17.7205,
15.7005


 28.3157, 31.2479,
37.5227


 16.7718, 15.2144,
11.9278


 31.4803, 35.5616,
44.7914


 15.2517, 13.0340,
8.7704

 34.9504, 40.2686,
52.8327

 13.9694, 11.1659,
6.1953

 38.7341, 45.3789,
61.6687


 12.9124, 9.5956,
4.1667

 42.8389, 50.9015,
71.3204


 12.0671, 8.3074,
2.6446

 47.2722, 56.8457,
81.8078

 11.4184, 7.2840,
1.5836

 52.0412, 63.2202,
93.1507

 10.9487, 6.5063,
0.9286

 57.1043, 70.0139,
105.1121

Harmonies

Analogous

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



22.9476, 23.7594, 25.7025



22.8689, 23.7594, 25.2105



22.7136, 23.7594, 24.8981

Triad

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



22.8689, 23.7594, 25.2105



22.2407, 23.7594, 25.4972



22.6412, 23.7594, 26.9236

Complementary

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



22.8689, 23.7594, 25.2105



22.8351, 24.3195, 27.1577

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.



22.4521, 23.7594, 26.8668



22.8689, 23.7594, 25.2105



22.2215, 23.7594, 26.0381

Square

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



22.8689, 23.7594, 25.2105



22.3511, 23.7594, 25.0620



22.2987, 23.7594, 26.5408



22.8156, 23.7594, 26.6951

Rectangle

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



22.8689, 23.7594, 25.2105



22.5879, 23.7594, 24.8311



22.2987, 23.7594, 26.5408



22.5772, 23.7594, 26.9373

Sweetspot

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



22.8696, 23.7604, 25.2110



42.1190, 44.1603, 47.7501



23.0120, 23.5988, 26.6350



9.4541, 9.9146, 10.7258



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.



22.8696, 23.7604, 25.2110



40.7638, 42.2856, 44.7217



23.2155, 24.4524, 25.3263



5.3635, 5.5540, 5.8525



9.9925, 5.7193, 0.5773



0.0749, 0.0551, 0.0067

Inverse Universe

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



22.8351, 24.3195, 27.1577



40.6949, 43.4041, 48.6161



22.4875, 23.6243, 27.0418



5.3534, 5.7192, 6.4276



9.3609, 11.9922, 23.8670



0.0722, 0.0997, 0.1619

Previews

White Background



This preview shows how the XYZ color 22.8689, 23.7594, 25.2105 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 22.8689, 23.7594, 25.2105 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

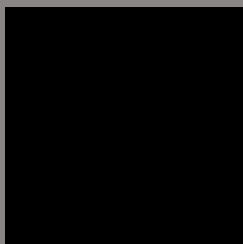
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

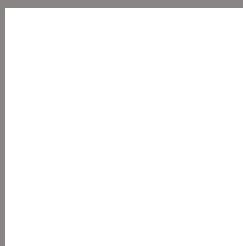
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 22.8689, 23.7594, 25.2105

Background



This preview shows how black text looks on a background with the XYZ color 22.8689, 23.7594, 25.2105.



This preview shows how white text looks on a background with the XYZ color 22.8689, 23.7594,

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

22.8689, 23.7594, 25.2105

Protanopia

22.7057, 23.6752, 25.2029

Deuteranopia

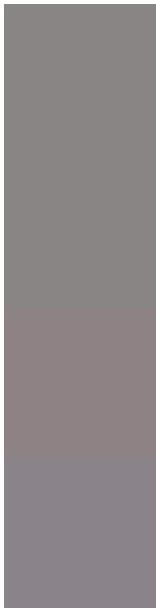
24.1165, 23.5970, 25.4739



Tritanopia

23.4800, 23.5889, 28.9068

Trichromacy



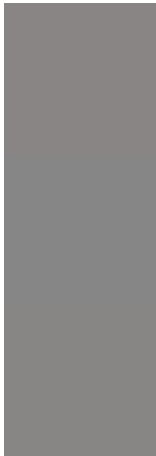
Original Color
22.8689, 23.7594, 25.2105

Protanomaly
22.7057, 23.6752, 25.2029

Deuteranomaly
23.5440, 23.4984, 25.4850

Tritanomaly
23.3199, 23.7408, 27.3981

Monochromacy



Original Color
22.8689, 23.7594, 25.2105

Achromatopsia
22.6597, 23.8398, 25.9615

Achromatomaly
22.7504, 23.8945, 25.6033

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.8689, 23.7594, 25.2105 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(137, 133, 132) looks like.

```
.text, #text, p{  
    color:rgb(137, 133, 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(137, 133, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 133, 132) }
```

Border

The CSS property to change the border of an element to XYZ 22.8689, 23.7594, 25.2105 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(137, 133, 132) }
```


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

```
.border{ border-color:rgb(137, 133, 132) }
```

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

Here you see how a box with a 4 pixel rgb(137, 133, 132) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 133, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 133, 132);  
box-shadow:4px 4px 4px 4px rgb(137, 133,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 22.8689, 23.7594, 25.2105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 133, 132) }
```

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

```
.background{ background-color: rgb(137,  
133, 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](#).

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