

Converting Colors

XYZ(23.5572, 24.6510, 25.5267)

Have a look what the booklet for
XYZ(23.5572, 24.6510, 25.5267)
contains.

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Color

**XYZ(23.6853, 24.7907,
25.7270)**

Conversions

Conversions Part 1

Format	Color
Hex	8B8885
RGB	139, 136, 133
RGB Percent	55%, 53%, 52%
CMY	0.4549, 0.4667, 0.4784
CMYK	0.00, 0.02, 0.04, 0.45
HSL	30°, 3%, 53%
HSV	30°, 4%, 55%
XYZ	23.6853, 24.7907, 25.7270
YIQ	136.5550, 2.7510, -0.2970

Conversions

Conversions Part 2

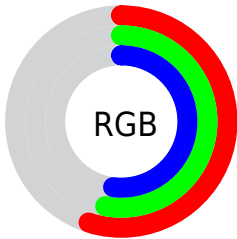
Format	Color
R_{YB}	139, 139, 133
Decimal	9144453
CIE Lab	56.87, 0.54, 2.00
CIE LCh	57, 2.068, 74.770
Yxy	24.7907, 0.3192, 0.3341
Android (android.graphics.Color)	4287334533 (0xFF8B8885)
YUV	136.5550, -1.7526, 2.1443
Hunter-Lab	49.7903, -2.2202, 4.2176

Details

The XYZ color **23.6853, 24.7907, 25.7270** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.1373, 24.4588, 27.9282**, and the grayscale version is **23.6163, 24.8462, 27.0575**.

A 20% lighter version of the original color is **48.7988, 51.1468, 53.7547**, and **9.0478, 9.4195, 9.7288** is the 20% darker color. If you saturate the color by 10%, you get **21.8414, 22.5392, 20.6838**, and if you desaturate by 10%, it is **25.7211, 27.2220, 31.4618**.

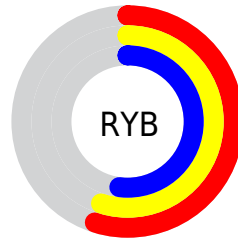
Distribution



Red (55%)

Green (53%)

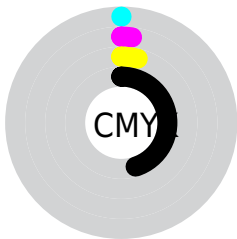
Blue (52%)



Red (55%)

Yellow (55%)

Blue (52%)

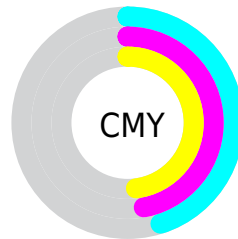


Cyan (0%)

Magenta (2%)

Yellow (4%)

Black (45%)



Cyan (45%)

Magenta (47%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.6853, 24.7907, 25.7270 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 23.6853, 24.7907, 25.7270 by changing the saturation by 10% instead.

■ 23.6853, 24.7907,
25.7270

■ 23.6853, 24.7907,
25.7270

263.6957,
276.7940, 295.0021

■ 15.2238, 15.9212,
16.3956

■ 48.9746, 51.3175,
53.8129

■ 9.0639, 9.4684,
9.6471

■ 66.5331, 69.7435,
73.4044

■ 4.8404, 5.0479,
5.0631

■ 87.8547, 92.1239,
97.2531

■ 2.1877, 2.2754,
2.2249

113.3046,
118.8429, 125.7774

■ 0.7362, 0.7607,
0.6887

143.2484,
150.2851, 159.3959

■ 0.0000, 0.0000,
0.0000

178.0512,

186.8347, 198.5272

218.0785,
228.8762, 243.5897

■ 23.6853, 24.7907,
25.7270

■ 23.6853, 24.7907,
25.7270

■ 21.8414, 22.5392,
20.6838

■ 25.7211, 27.2220,
31.4618

■ 20.1812, 20.4598,
16.3042

■ 27.9526, 29.8341,
37.9117

■ 18.6988, 18.5492,
12.5605

■ 30.3860, 32.6321,
45.1009

■ 17.3874, 16.8025,
9.4223

■ 33.0267, 35.6198,
53.0522

■ 16.2395, 15.2147,
6.8571

■ 35.8798, 38.8011,
61.7873

■ 15.2470, 13.7803,
4.8288

■ 38.9503, 42.1795,
71.3269

■ 14.4011, 12.4936,
3.2976

■ 42.2428, 45.7587,
81.6912

■ 13.6916, 11.3482,
2.2178

■ 45.7620, 49.5420,
92.8995

■ 13.1062, 10.3368,
1.5313

■ 49.0089, 53.3315,
102.3187

Harmonies

Analogous

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



23.8948, 24.7907, 26.0649



23.6853, 24.7907, 25.7270



23.4444, 24.7907, 25.7243

Triad

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



23.6853, 24.7907, 25.7270



23.1156, 24.7907, 27.3341



23.8921, 24.7907, 27.9503

Complementary

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



23.6853, 24.7907, 25.7270



23.1373, 24.4588, 27.9282

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.



23.6817, 24.7907, 28.3024



23.6853, 24.7907, 25.7270



23.2339, 24.7907, 27.9426

Square

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



23.6853, 24.7907, 25.7270



23.1166, 24.7907, 26.6442



23.4408, 24.7907, 28.2996



24.0148, 24.7907, 27.3446

Rectangle

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



23.6853, 24.7907, 25.7270



23.2984, 24.7907, 25.9126



23.4408, 24.7907, 28.2996



23.8292, 24.7907, 28.1027

Sweetspot

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



23.6860, 24.7918, 25.7275



43.5793, 45.7954, 49.3175



23.4794, 24.0420, 26.6960



10.0472, 10.5590, 11.3794



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.



23.6860, 24.7918, 25.7275



42.1428, 44.0659, 45.3129



24.1142, 25.6482, 25.8703



5.3841, 5.6270, 5.7608



11.5782, 8.8909, 1.1059



0.0915, 0.0883, 0.0122

Inverse Universe

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



23.1373, 24.4588, 27.9282



40.9860, 43.3639, 49.9528



22.7210, 23.6260, 27.7894



5.2252, 5.5306, 6.3980



6.1692, 5.6087, 22.8031



0.0556, 0.0665, 0.1564

Previews

White Background



This preview shows how the XYZ color 23.6853, 24.7907, 25.7270 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 23.6853, 24.7907, 25.7270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

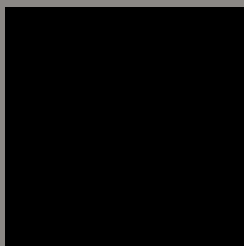
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

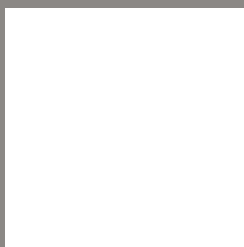
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.6853, 24.7907, 25.7270

Background



This preview shows how black text looks on a background with the XYZ color 23.6853, 24.7907, 25.7270.



This preview shows how white text looks on a background with the XYZ color 23.6853, 24.7907,

25.7270.

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

23.6853, 24.7907, 25.7270

Protanopia

23.8530, 24.8772, 25.7349

Deuteranopia

25.3168, 24.8031, 26.0074



Tritanopia

24.6204, 24.7572, 30.2691

Trichromacy



Original Color

23.6853, 24.7907, 25.7270

Protanomaly

23.8530, 24.8772, 25.7349

Deuteranomaly

24.7232, 24.6993, 26.0186

Tritanomaly

24.2869, 24.8265, 28.7112

Monochromacy



Original Color

23.6853, 24.7907, 25.7270

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

23.8708, 25.0722, 26.8738

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.6853, 24.7907, 25.7270 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, 136, 133)` looks like.

```
.text, #text, p{  
    color:rgb(139, 136, 133)  
}
```

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, 136, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 136, 133) }
```

Border

The CSS property to change the border of an element to XYZ 23.6853, 24.7907, 25.7270 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, 136, 133) }
```


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

```
.border{ border-color:rgb(139, 136, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 136, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 136, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 136, 133);  
box-shadow:4px 4px 4px 4px rgb(139, 136,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 23.6853, 24.7907, 25.7270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 136, 133) }
```

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

```
.background{ background-color: rgb(139,  
136, 133) }
```

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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