

Converting Colors

XYZ(23.5248, 25.0955, 23.2273)

Have a look what the booklet for
XYZ(23.5248, 25.0955, 23.2273)
contains.

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Color

**XYZ(23.6696, 25.2588,
23.3666)**

Conversions

Conversions Part 1

Format	Color
Hex	8C8A7E
RGB	140, 138, 126
RGB Percent	55%, 54%, 49%
CMY	0.4510, 0.4588, 0.5059
CMYK	0.00, 0.01, 0.10, 0.45
HSL	51°, 6%, 52%
HSV	51°, 10%, 55%
XYZ	23.6696, 25.2588, 23.3666
YIQ	137.2300, 5.0440, -3.3080

Conversions

Conversions Part 2

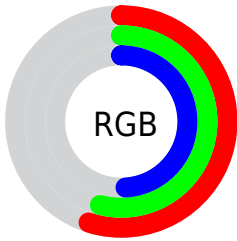
Format	Color
R_{YB}	128, 140, 126
Decimal	9210494
CIE _{Lab}	57.33, -1.49, 6.68
CIE _{LCh}	57, 6.849, 102.573
Yxy	25.2588, 0.3274, 0.3494
Android (android.graphics.Color)	4287400574 (0xFF8C8A7E)
YUV	137.2300, -5.5364, 2.4293
Hunter-Lab	50.2581, -3.8853, 7.6149

Details

The XYZ color **23.6696, 25.2588, 23.3666** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **21.0569, 21.7670, 27.9028**, and the grayscale version is **23.8844, 25.1283, 27.3647**.

A 20% lighter version of the original color is **49.0156, 51.9856, 50.0987**, and **9.0457, 9.6889, 8.4146** is the 20% darker color. If you saturate the color by 10%, you get **22.5451, 24.3556, 18.8424**, and if you desaturate by 10%, it is **24.9272, 26.2253, 28.5596**.

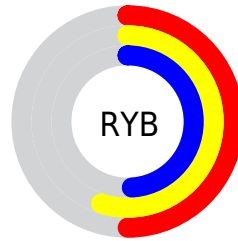
Distribution



Red (55%)

Green (54%)

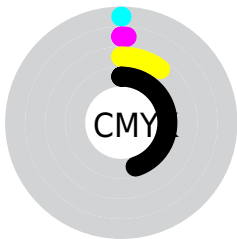
Blue (49%)



Red (50%)

Yellow (55%)

Blue (49%)

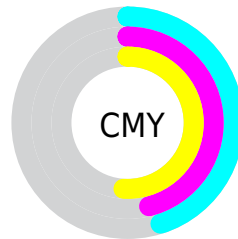


Cyan (0%)

Magenta (1%)

Yellow (10%)

Black (45%)



Cyan (45%)

Magenta (46%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.6696, 25.2588, 23.3666 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 23.6696, 25.2588, 23.3666 by changing the saturation by 10% instead.

■ 23.6696, 25.2588,
23.3666

■ 23.6696, 25.2588,
23.3666

263.6174,
279.1243, 282.7851

■ 15.2121, 16.2700,
14.6566

■ 48.9491, 52.0768,
49.9254

■ 9.0557, 9.7154,
8.4348

■ 66.5018, 70.6747,
68.6113

■ 4.8349, 5.2107,
4.2827

■ 87.8170, 93.2444,
91.4595

■ 2.1845, 2.3714,
1.7817

113.2601,
120.1704, 118.8886

■ 0.7345, 0.8111,
0.4158

143.1962,
151.8370, 151.3172

■ 0.0000, 0.0000,
0.0000

177.9910,

188.6286, 189.1638

218.0096,
230.9296, 232.8469

■ 23.6696, 25.2588,
23.3666

■ 23.6696, 25.2588,
23.3666

■ 22.5451, 24.3556,
18.8424

■ 24.9272, 26.2253,
28.5596

■ 21.5464, 23.5103,
14.9578

■ 26.3208, 27.2539,
34.4457

■ 20.6686, 22.7216,
11.6841

■ 27.8557, 28.3476,
41.0499

■ 19.9056, 21.9872,
8.9893

■ 29.5365, 29.5081,
48.3956

■ 19.2508, 21.3043,
6.8390

■ 31.3674, 30.7373,
56.5050

■ 18.6969, 20.6700,
5.1948

■ 33.3524, 32.0367,
65.3996

■ 18.2357, 20.0809,
4.0135

■ 35.4954, 33.4081,
75.0997

■ 17.8576, 19.5332,
3.2446

■ 37.8003, 34.8530,
85.6252

■ 17.5355, 19.0160,
2.7462

■ 40.2707, 36.3728,
96.9950

Harmonies

Analogous

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



24.4782, 25.2588, 23.4546



23.6696, 25.2588, 23.3666



22.9673, 25.2588, 24.3405

Triad

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



23.6696, 25.2588, 23.3666



22.8766, 25.2588, 30.6386



25.5278, 25.2588, 28.8630

Complementary

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



23.6696, 25.2588, 23.3666



21.0569, 21.7670, 27.9028

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.



25.0791, 25.2588, 30.9272



23.6696, 25.2588, 23.3666



23.5433, 25.2588, 31.9913

Square

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



23.6696, 25.2588, 23.3666



22.5164, 25.2588, 28.4870



24.3491, 25.2588, 32.0998



25.5634, 25.2588, 26.5410

Rectangle

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



23.6696, 25.2588, 23.3666



22.6489, 25.2588, 25.4946



24.3491, 25.2588, 32.0998



25.4198, 25.2588, 29.6132

Sweetspot

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



23.6703, 25.2599, 23.3671



43.2434, 45.7031, 47.4191



22.1793, 22.0587, 23.5457



9.9252, 10.5012, 10.7642



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.



23.6703, 25.2599, 23.3671



41.2646, 44.1656, 39.2984



23.1520, 25.4220, 23.4257



5.3713, 5.7254, 5.3744



15.5918, 16.9180, 2.4437



0.1113, 0.1278, 0.0188

Inverse Universe

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



21.0569, 21.7670, 27.9028



35.7030, 36.7323, 48.9513



21.5394, 21.6329, 27.8515



4.8285, 5.0000, 6.3164



4.4375, 2.1453, 22.2259



0.0358, 0.0270, 0.1498

Previews

White Background



This preview shows how the XYZ color 23.6696, 25.2588, 23.3666 looks on a white background.

Color Contrast Check

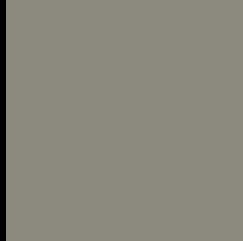
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.6696, 25.2588, 23.3666 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

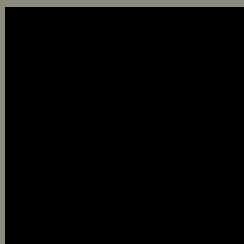
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

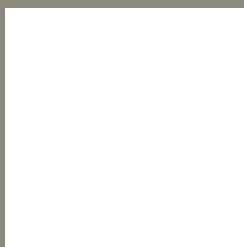
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.6696, 25.2588, 23.3666

Background



This preview shows how black text looks on a background with the XYZ color 23.6696, 25.2588, 23.3666.



This preview shows how white text looks on a background with the XYZ color 23.6696, 25.2588,

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

23.6696, 25.2588, 23.3666

Protanopia

24.0392, 25.2373, 23.3429

Deuteranopia

25.7359, 25.2759, 23.6010



Tritanopia

25.1800, 25.2429, 30.7394

Trichromacy



Original Color

23.6696, 25.2588, 23.3666

Protanomaly

23.8669, 25.1485, 23.3349

Deuteranomaly

25.0724, 25.3443, 23.6491

Tritanomaly

24.6197, 25.2232, 27.9971

Monochromacy



Original Color

23.6696, 25.2588, 23.3666

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

23.6605, 24.9880, 25.7664

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.6696, 25.2588, 23.3666 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(140, 138, 126)` looks like.

```
.text, #text, p{  
    color:rgb(140, 138, 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(140, 138, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 138, 126) }
```

Border

The CSS property to change the border of an element to XYZ 23.6696, 25.2588, 23.3666 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(140, 138, 126) }
```


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

```
.border{ border-color:rgb(140, 138, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 138, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 138, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 138, 126);  
box-shadow:4px 4px 4px 4px rgb(140, 138,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 23.6696, 25.2588, 23.3666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 138, 126) }
```

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

```
.background{ background-color: rgb(140,  
138, 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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