

Converting Colors

XYZ(23.8612, 28.6976, 27.5741)

Have a look what the booklet for
XYZ(23.8612, 28.6976, 27.5741)
contains.

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Color

**XYZ(23.8612, 28.6976,
27.5741)**

Conversions

Conversions Part 1

Format	Color
Hex	7A9988
RGB	122, 153, 136
RGB Percent	48%, 60%, 53%
CMY	0.5216, 0.4000, 0.4667
CMYK	0.20, 0.00, 0.11, 0.40
HSL	147°, 13%, 54%
HSV	147°, 20%, 60%
XYZ	23.8612, 28.6976, 27.5741
YIQ	141.7930, -13.0190, -11.8590

Conversions

Conversions Part 2

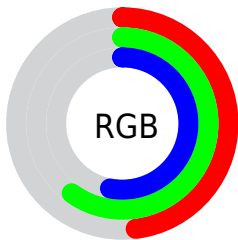
Format	Color
RYB	122, 143, 153
Decimal	8034696
CIELab	60.51, -14.38, 5.39
CIElCh	61, 15.357, 159.471
Yxy	28.6976, 0.2978, 0.3581
Android (android.graphics.Color)	4286224776 (0xFF7A9988)
YUV	141.7930, -2.8559, -17.3585
Hunter-Lab	53.5701, -14.2403, 6.9808

Details

The XYZ color **23.8612, 28.6976, 27.5741** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **24.7576, 22.5562, 27.4763**, and the grayscale version is **25.6446, 26.9801, 29.3813**.

A 20% lighter version of the original color is **49.1773, 57.4137, 56.6342**, and **9.1787, 11.5911, 10.5576** is the 20% darker color. If you saturate the color by 10%, you get **21.2899, 27.4391, 24.4620**, and if you desaturate by 10%, it is **26.8219, 30.1530, 30.9494**.

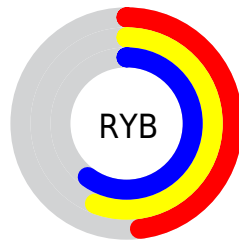
Distribution



Red (48%)

Green (60%)

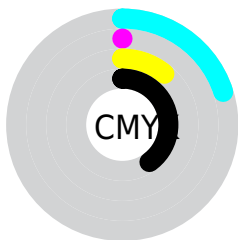
Blue (53%)



Red (48%)

Yellow (56%)

Blue (60%)

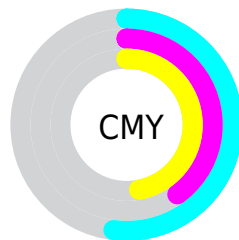


Cyan (20%)

Magenta (0%)

Yellow (11%)

Black (40%)



Cyan (52%)

Magenta (40%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.8612, 28.6976, 27.5741 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 23.8612, 28.6976, 27.5741 by changing the saturation by 10% instead.

■ 23.8612, 28.6976,
27.5741

■ 23.8612, 28.6976,
27.5741

264.5715,
295.7855, 304.2738

■ 15.3549, 18.8522,
17.7686

■ 49.2599, 57.5963,
56.8186

■ 9.1568, 11.5635,
10.6163

■ 66.8830, 77.4183,
77.0948

■ 4.9015, 6.4472,
5.6985

■ 88.2758, 101.3347,
101.6982

■ 2.2237, 3.1189,
2.5968

113.8035,
129.7298, 131.0475

■ 0.7552, 1.1941,
0.8908

143.8316,
162.9881, 165.5612

■ 0.0000, 0.0569,
0.0000

178.7254,

■ 0.0000, 0.0000,

201.4938, 205.6577

0.0000

218.8503,
245.6315, 251.7558

■ 23.8612, 28.6976,
27.5741

■ 23.8612, 28.6976,
27.5741

■ 21.2899, 27.4391,
24.4620

■ 26.8219, 30.1530,
30.9494

■ 19.0887, 26.3653,
21.6048

■ 30.1855, 31.8099,
34.5921

■ 17.2400, 25.4681,
18.9965

■ 33.9678, 33.6770,
38.5088

■ 15.7240, 24.7373,
16.6304

■ 38.1830, 35.7615,
42.7051

■ 14.5185, 24.1618,
14.4990

■ 42.8447, 38.0703,
47.1865

■ 13.5989, 23.7289,
12.5948

■ 47.9658, 40.6100,
51.9585

■ 12.9360, 23.4238,
10.9096

■ 53.5586, 43.3869,
57.0263

■ 12.4688, 23.2144,
9.4691

■ 59.6352, 46.4069,
62.3949

■ 64.4550, 48.7728,
67.9874

Harmonies

Analogous

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



24.9250, 28.6976, 23.5573



23.8612, 28.6976, 27.5741



23.6878, 28.6976, 33.0771

Triad

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



23.8612, 28.6976, 27.5741



27.9080, 28.6976, 43.2938



30.3246, 28.6976, 24.8105

Complementary

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



23.8612, 28.6976, 27.5741



24.7576, 22.5562, 27.4763

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.



31.2099, 28.6976, 29.4853



23.8612, 28.6976, 27.5741



29.7708, 28.6976, 40.4503

Square

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



23.8612, 28.6976, 27.5741



25.9617, 28.6976, 42.6209



31.0024, 28.6976, 35.2320



28.6344, 28.6976, 22.1009

Rectangle

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



23.8612, 28.6976, 27.5741



24.0916, 28.6976, 36.9289



31.0024, 28.6976, 35.2320



30.7298, 28.6976, 26.1797

Sweetspot

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



23.8620, 28.6988, 27.5747



50.4395, 55.1829, 58.0687



25.5609, 29.6822, 22.7948



11.0616, 12.1475, 12.7394



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



23.8620, 28.6988, 27.5747



40.7092, 50.4022, 46.9766



25.0408, 29.1703, 33.7821



6.2423, 6.9696, 7.1994



10.3212, 19.1919, 7.9122



0.1723, 0.2941, 0.2130

Inverse Universe

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



24.7576, 22.5562, 27.4763



42.5898, 37.5025, 46.7686



23.7069, 22.1359, 21.9435



6.3434, 6.2765, 7.1884



12.1940, 6.1318, 7.5465



0.2006, 0.0990, 0.2093

Previews

White Background



This preview shows how the XYZ color 23.8612, 28.6976, 27.5741 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 23.8612, 28.6976, 27.5741 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

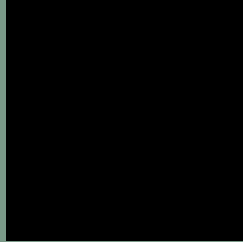
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 23.8612, 28.6976, 27.5741

Background



This preview shows how black text looks on a background with the XYZ color 23.8612, 28.6976, 27.5741.



This preview shows how white text looks on a background with the XYZ color 23.8612, 28.6976,

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

23.8612, 28.6976, 27.5741

Protanopia

27.0528, 28.4961, 25.9042

Deuteranopia

29.0854, 28.5952, 28.4126



Tritanopia

25.9329, 28.5801, 37.8679

Trichromacy



Original Color

23.8612, 28.6976, 27.5741

Protanomaly

25.6388, 28.4487, 26.3301

Deuteranomaly

26.7455, 28.2888, 28.0954

Tritanomaly

25.0313, 28.4397, 33.8759

Monochromacy



Original Color

23.8612, 28.6976, 27.5741

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

25.0042, 27.6021, 28.8208

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.8612, 28.6976, 27.5741 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(122, 153, 136)` looks like.

```
.text, #text, p{  
    color:rgb(122, 153, 136)  
}
```

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(122, 153, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 153, 136) }
```

Border

The CSS property to change the border of an element to XYZ 23.8612, 28.6976, 27.5741 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(122, 153, 136) }
```


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

```
.border{ border-color:rgb(122, 153, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 153, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 153, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 153, 136);  
box-shadow:4px 4px 4px 4px rgb(122, 153,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 23.8612, 28.6976, 27.5741 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 153, 136) }
```

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

```
.background{ background-color: rgb(122,  
153, 136) }
```

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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