

Converting Colors

XYZ(23.0370, 27.4658, 25.9768)

Have a look what the booklet for
XYZ(23.0370, 27.4658, 25.9768)
contains.

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Color

**XYZ(23.0972, 27.6162,
25.9429)**

Conversions

Conversions Part 1

Format	Color
Hex	7A9684
RGB	122, 150, 132
RGB Percent	48%, 59%, 52%
CMY	0.5216, 0.4118, 0.4823
CMYK	0.19, 0.00, 0.12, 0.41
HSL	141°, 12%, 53%
HSV	141°, 19%, 59%
XYZ	23.0972, 27.6162, 25.9429
YIQ	139.5760, -10.9100, -11.5340

Conversions

Conversions Part 2

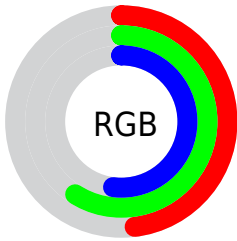
Format	Color
R_{YB}	122, 143, 150
Decimal	8033924
CIE _{Lab}	59.54, -13.59, 6.25
CIE _{LCh}	60, 14.959, 155.290
Yxy	27.6162, 0.3013, 0.3603
Android (android.graphics.Color)	4286224004 (0xFF7A9684)
YUV	139.5760, -3.7350, -15.4142
Hunter-Lab	52.5511, -13.5104, 7.5161

Details

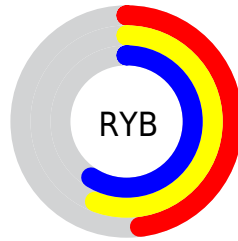
The XYZ color **23.0972, 27.6162, 25.9429** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **24.2718, 22.2971, 27.8366**, and the grayscale version is **24.7805, 26.0710, 28.3913**.

A 20% lighter version of the original color is **48.0290, 55.8025, 54.1385**, and **8.7708, 10.9647, 9.8377** is the 20% darker color. If you saturate the color by 10%, you get **20.5054, 26.3536, 22.5348**, and if you desaturate by 10%, it is **26.0794, 29.0745, 29.6889**.

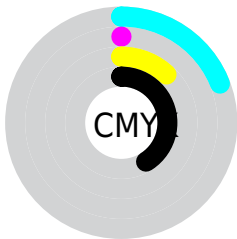
Distribution



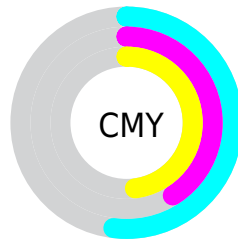
- Red (48%)
- Green (59%)
- Blue (52%)



- Red (48%)
- Yellow (56%)
- Blue (59%)



- Cyan (19%)
- Magenta (0%)
- Yellow (12%)
- Black (41%)



- Cyan (52%)
- Magenta (41%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.0972, 27.6162, 25.9429 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 23.0972, 27.6162, 25.9429 by changing the saturation by 10% instead.

■ 23.0972, 27.6162,
25.9429

■ 23.0972, 27.6162,
25.9429

260.7499,
290.6284, 296.0982

■ 14.7864, 18.0365,
16.5555

■ 48.0184, 55.8711,
54.1658

■ 8.7549, 10.9762,
9.7595

■ 65.3594, 75.3151,
73.8384

■ 4.6375, 6.0509,
5.1363

■ 86.4413, 98.8161,
97.7765

■ 2.0687, 2.8760,
2.2673

111.6293,
126.7584, 126.3986

■ 0.6721, 1.0674,
0.7128

141.2888,
159.5263, 160.1233

■ 0.0000, 0.0000,
0.0000

175.7851,

197.5044, 199.3691

215.4837,
241.0770, 244.5546

■ 23.0972, 27.6162,
25.9429

■ 23.0972, 27.6162,
25.9429

■ 20.5054, 26.3536,
22.5348

■ 26.0794, 29.0745,
29.6889

■ 18.2851, 25.2749,
19.4535

■ 29.4654, 30.7330,
33.7799

■ 16.4192, 24.3722,
16.6896

■ 33.2705, 32.6002,
38.2253

■ 14.8882, 23.6358,
14.2330

■ 37.5090, 34.6832,
43.0334

■ 13.6709, 23.0548,
12.0728

■ 42.1939, 36.9886,
48.2121

■ 12.7433, 22.6171,
10.1974

■ 47.3381, 39.5228,
53.7693

■ 12.0777, 22.3088,
8.5946

■ 52.9539, 42.2921,
59.7127

■ 11.6180, 22.1011,
7.2498

■ 59.0529, 45.3024,
66.0494

■ 11.5627, 22.0761,
7.0890

■ 64.9056, 48.1772,
72.7520

Harmonies

Analogous

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



24.2134, 27.6162, 22.3805



23.0972, 27.6162, 25.9429



22.8084, 27.6162, 31.0347

Triad

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



23.0972, 27.6162, 25.9429



26.5833, 27.6162, 41.6108



29.3134, 27.6162, 24.4722

Complementary

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



23.0972, 27.6162, 25.9429



24.2718, 22.2971, 27.8366

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.



30.0179, 27.6162, 29.1242



23.0972, 27.6162, 25.9429



28.3943, 27.6162, 39.3438

Square

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



23.0972, 27.6162, 25.9429



24.7649, 27.6162, 40.4976



29.6739, 27.6162, 34.6117



27.7899, 27.6162, 21.6052

Rectangle

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



23.0972, 27.6162, 25.9429



23.1114, 27.6162, 34.7162



29.6739, 27.6162, 34.6117



29.6571, 27.6162, 25.8569

Sweetspot

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



23.0980, 27.6174, 25.9435



47.4768, 52.0196, 54.1740



25.2691, 28.8120, 22.6420



10.4487, 11.4926, 11.9169



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



23.0980, 27.6174, 25.9435



38.9591, 47.8571, 43.4484



24.1060, 28.0206, 31.2518



5.8101, 6.5006, 6.6107



9.6036, 18.3142, 5.9541



0.1307, 0.2294, 0.1420

Inverse Universe

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



24.2718, 22.2971, 27.8366



41.3835, 36.8664, 47.3568



23.3168, 21.9151, 22.8079



5.9483, 5.8744, 6.8337



12.2149, 6.0910, 9.8786



0.1636, 0.0802, 0.1952

Previews

White Background



This preview shows how the XYZ color 23.0972, 27.6162, 25.9429 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 23.0972, 27.6162, 25.9429 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

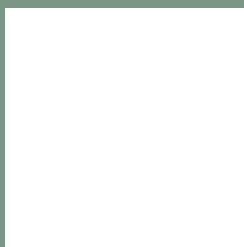
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.0972, 27.6162, 25.9429

Background



This preview shows how black text looks on a background with the XYZ color 23.0972, 27.6162, 25.9429.



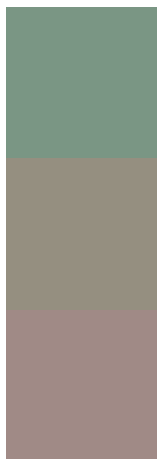
This preview shows how white text looks on a background with the XYZ color 23.0972, 27.6162,

25.9429.

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

23.0972, 27.6162, 25.9429

Protanopia

26.1132, 27.5930, 24.3717

Deuteranopia

27.8888, 27.3718, 26.3676



Tritanopia

25.2028, 27.5384, 36.3349

Trichromacy



Original Color

23.0972, 27.6162, 25.9429

Protanomaly

24.8888, 27.6317, 24.7906

Deuteranomaly

25.7607, 27.1504, 26.0731

Tritanomaly

24.3160, 27.3973, 32.4404

Monochromacy



Original Color

23.0972, 27.6162, 25.9429

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

24.1615, 26.7392, 27.5546

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.0972, 27.6162, 25.9429 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, 150, 132)` looks like.

```
.text, #text, p{  
    color:rgb(122, 150, 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(122, 150, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 150, 132) }
```

Border

The CSS property to change the border of an element to XYZ 23.0972, 27.6162, 25.9429 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, 150, 132) }
```


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

```
.border{ border-color:rgb(122, 150, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 150, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 150, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 150, 132);  
box-shadow:4px 4px 4px 4px rgb(122, 150,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 23.0972, 27.6162, 25.9429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 150, 132) }
```

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

```
.background{ background-color: rgb(122,  
150, 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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