

Converting Colors

XYZ(23.8138, 32.1556, 26.8592)

Have a look what the booklet for
XYZ(23.8138, 32.1556, 26.8592)
contains.

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Color

**XYZ(23.7449, 32.0026,
26.7554)**

Conversions

Conversions Part 1

Format	Color
Hex	6AA684
RGB	106, 166, 132
RGB Percent	42%, 65%, 52%
CMY	0.5843, 0.3490, 0.4823
CMYK	0.36, 0.00, 0.20, 0.35
HSL	146°, 25%, 53%
HSV	146°, 36%, 65%
XYZ	23.7449, 32.0026, 26.7554
YIQ	144.1840, -24.8460, -23.2940

Conversions

Conversions Part 2

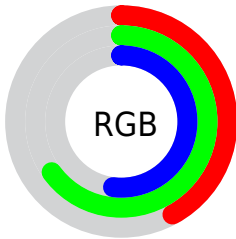
Format	Color
RYB	106, 148, 166
Decimal	6989444
CIELab	63.35, -27.10, 11.53
CIElCh	63, 29.450, 156.948
Yxy	32.0026, 0.2878, 0.3879
Android (android.graphics.Color)	4285179524 (0xFF6AA684)
YUV	144.1840, -6.0067, -33.4874
Hunter-Lab	56.5708, -24.0758, 11.5582

Details

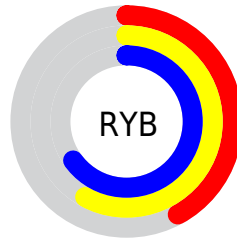
The XYZ color **23.7449, 32.0026, 26.7554** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **25.6146, 20.3091, 27.3821**, and the grayscale version is **26.6147, 28.0007, 30.4928**.

A 20% lighter version of the original color is **48.9115, 62.5866, 55.4015**, and **9.1159, 13.4560, 10.0995** is the 20% darker color. If you saturate the color by 10%, you get **21.3450, 30.8374, 23.4332**, and if you desaturate by 10%, it is **26.5865, 33.3906, 30.4027**.

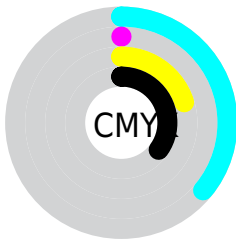
Distribution



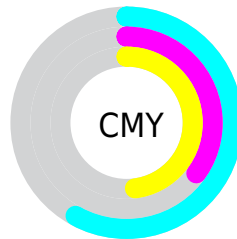
- Red (42%)
- Green (65%)
- Blue (52%)



- Red (42%)
- Yellow (58%)
- Blue (65%)



- Cyan (36%)
- Magenta (0%)
- Yellow (20%)
- Black (35%)





- Cyan (58%)
- Magenta (35%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 23.7449, 32.0026, 26.7554 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 23.7449, 32.0026, 26.7554 by changing the saturation by 10% instead.


 23.7449, 32.0026,
26.7554


 23.7449, 32.0026,
26.7554


263.9927,
311.1311, 300.1935


 15.2682, 21.3635,
17.1588


 49.0713, 62.8152,
55.4901


 9.0954, 13.3900,
10.1846


 66.6517, 83.7574,
75.4652

 4.8611, 7.6976,
5.4143


 87.9974, 108.9028,
99.7370

 2.1999, 3.9021,
2.4294

 113.4738,
138.6358, 128.7238

 0.7427, 1.6189,
0.8024

143.4461,
173.3407, 162.8444

 0.0000, 0.3703,
0.0000

178.2798,

 0.0000, 0.0000,

213.4019, 202.5171

0.0000

218.3402,
259.2040, 248.1607

■ 23.7449, 32.0026,
26.7554

■ 23.7449, 32.0026,
26.7554

■ 21.3450, 30.8374,
23.4332

■ 26.5865, 33.3906,
30.4027

■ 19.3606, 29.8789,
20.4249

■ 29.8889, 35.0084,
34.3816

■ 17.7665, 29.1153,
17.7217

■ 33.6735, 36.8677,
38.7012

■ 16.5336, 28.5317,
15.3134

■ 37.9592, 38.9782,
43.3696

■ 15.6285, 28.1112,
13.1896

■ 42.7641, 41.3490,
48.3945

■ 15.0062, 27.8307,
11.3383

■ 48.1054, 43.9888,
53.7833

■ 14.8044, 27.7407,
10.6937

■ 53.9992, 46.9058,
59.5435

■ 60.4612, 50.1079,
65.6819

■ 67.3577, 53.5260,
72.1987

Harmonies

Analogous

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



25.9345, 32.0026, 19.7772



23.7449, 32.0026, 26.7554



23.2651, 32.0026, 37.6392

Triad

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



23.7449, 32.0026, 26.7554



31.3780, 32.0026, 62.2982



37.1394, 32.0026, 22.9932

Complementary

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



23.7449, 32.0026, 26.7554



25.6146, 20.3091, 27.3821

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.



38.9034, 32.0026, 32.1934



23.7449, 32.0026, 26.7554



35.3895, 32.0026, 56.1021

Square

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



23.7449, 32.0026, 26.7554



27.4432, 32.0026, 59.9253



38.2359, 32.0026, 44.4210



33.5993, 32.0026, 17.9691

Rectangle

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



23.7449, 32.0026, 26.7554



23.9368, 32.0026, 46.0712



38.2359, 32.0026, 44.4210



37.9736, 32.0026, 25.6095

Sweetspot

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



23.7458, 32.0039, 26.7561



57.5252, 65.1454, 66.1918



27.2233, 33.9773, 18.7593



12.6759, 14.4815, 14.5866



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



23.7458, 32.0039, 26.7561



39.6903, 56.4263, 43.8903



26.0141, 32.9113, 38.7012



7.5667, 8.4597, 8.7042



11.5022, 21.5196, 8.4112



0.3057, 0.5339, 0.3408

Inverse Universe

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



25.6146, 20.3091, 27.3821



43.5646, 32.1646, 45.1753



23.7500, 19.5633, 17.5636



7.7025, 7.6108, 8.7504



13.7875, 6.9237, 8.9586



0.3604, 0.1784, 0.3493

Previews

White Background



This preview shows how the XYZ color 23.7449, 32.0026, 26.7554 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 23.7449, 32.0026, 26.7554 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 ✓ Pass

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

XYZ 23.7449, 32.0026, 26.7554

Background



This preview shows how black text looks on a background with the XYZ color 23.7449, 32.0026, 26.7554.



This preview shows how white text looks on a background with the XYZ color 23.7449, 32.0026,

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

23.7449, 32.0026, 26.7554

Protanopia

29.8302, 31.6185, 23.9328

Deuteranopia

32.1112, 31.5292, 27.6859



Tritanopia

27.1839, 31.8036, 44.2411

Trichromacy



Original Color

23.7449, 32.0026, 26.7554

Protanomaly

27.1086, 31.4232, 25.0586

Deuteranomaly

28.3232, 31.2500, 27.4607

Tritanomaly

25.7740, 31.7540, 37.1185

Monochromacy



Original Color

23.7449, 32.0026, 26.7554

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

25.1678, 29.0957, 29.1005

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.7449, 32.0026, 26.7554 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(106, 166, 132)` looks like.

```
.text, #text, p{  
    color:rgb(106, 166, 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(106, 166, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 166, 132) }
```

Border

The CSS property to change the border of an element to XYZ 23.7449, 32.0026, 26.7554 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(106, 166, 132) }
```


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

```
.border{ border-color:rgb(106, 166, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 166, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 166, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 166, 132);  
box-shadow:4px 4px 4px 4px rgb(106, 166,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 23.7449, 32.0026, 26.7554 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 166, 132) }
```

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

```
.background{ background-color: rgb(106,  
166, 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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