

Converting Colors

XYZ(23.7554, 32.9008, 21.4835)

Have a look what the booklet for
XYZ(23.7554, 32.9008, 21.4835)
contains.

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Color

**XYZ(23.7708, 32.9519,
21.6305)**

Conversions

Conversions Part 1	
Format	Color
Hex	6EA974
RGB	110, 169, 116
RGB Percent	43%, 66%, 45%
CMY	0.5686, 0.3372, 0.5451
CMYK	0.35, 0.00, 0.31, 0.34
HSL	126°, 26%, 55%
HSV	126°, 35%, 66%
XYZ	23.7708, 32.9519, 21.6305
YIQ	145.3170, -18.1510, -28.9910

Conversions

Conversions Part 2

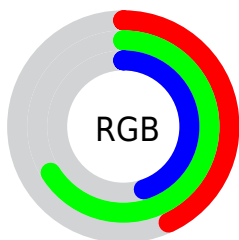
Format	Color
RYB	110, 164, 169
Decimal	7252340
CIELab	64.12, -30.33, 21.44
CIELCh	64, 37.147, 144.743
Yxy	32.9519, 0.3034, 0.4206
Android (android.graphics.Color)	4285442420 (0xFF6EA974)
YUV	145.3170, -14.4533, -30.9730
Hunter-Lab	57.4037, -26.5400, 17.8414

Details

The XYZ color **23.7708, 32.9519, 21.6305** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **28.5501, 22.2320, 37.4382**, and the grayscale version is **27.1056, 28.5172, 31.0553**.

A 20% lighter version of the original color is **49.0974, 64.4641, 46.9009**, and **9.0621, 13.8258, 7.5012** is the 20% darker color. If you saturate the color by 10%, you get **21.0532, 31.6457, 17.2644**, and if you desaturate by 10%, it is **27.0355, 34.5254, 26.7771**.

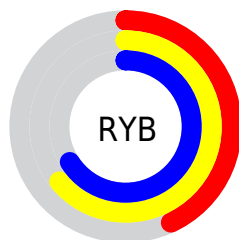
Distribution



Red (43%)

Green (66%)

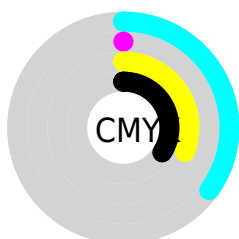
Blue (45%)



Red (43%)

Yellow (64%)

Blue (66%)

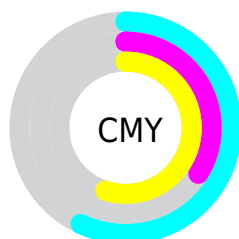


Cyan (35%)

Magenta (0%)

Yellow (31%)

Black (34%)



Cyan (57%)


Magenta (34%)


Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.7708, 32.9519, 21.6305 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 23.7708, 32.9519, 21.6305 by changing the saturation by 10% instead.


 23.7708, 32.9519,
21.6305


 23.7708, 32.9519,
21.6305


264.1217,
315.4329, 273.5008


 15.2875, 22.0896,
13.3899


 49.1133, 64.3004,
47.0289


 9.1090, 13.9228,
7.5637


 66.7033, 85.5554,
65.0237

 4.8701, 8.0670,
3.7333


 88.0594, 111.0435,
87.1071

 2.2052, 4.1378,
1.4802

 113.5473,
141.1490, 113.6976

 0.7455, 1.7510,
0.2031

143.5320,
176.2562, 145.2136

 0.0000, 0.4563,
0.0000


178.3791,


 0.0000, 0.0000,


216.7497, 182.0738


0.0000


218.4539,
263.0138, 224.6967


 23.7708, 32.9519,
21.6305


 23.7708, 32.9519,
21.6305


 21.0532, 31.6457,
17.2644


 27.0355, 34.5254,
26.7771


 18.8502, 30.5880,
13.6385


 30.8724, 36.3754,
32.7372


 17.1301, 29.7642,
10.7125


 35.3080, 38.5159,
39.5448


 15.8561, 29.1564,
8.4412


 40.3664, 40.9587,
47.2313


 14.9865, 28.7441,
6.7741


 46.0705, 43.7150,
55.8264


 14.4708, 28.5025,
5.6536

 52.4419, 46.7952,
65.3584

 14.2913, 28.4183,
5.2701

 59.5014, 50.2095,
75.8545

 67.2686, 53.9674,
87.3407

 73.1003, 56.7059,
99.7174

Harmonies

Analogous

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



27.2773, 32.9519, 15.4893



23.7708, 32.9519, 21.6305



22.2953, 32.9519, 33.2919

Triad

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



23.7708, 32.9519, 21.6305



30.4029, 32.9519, 73.1080



41.4242, 32.9519, 25.0768

Complementary

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



23.7708, 32.9519, 21.6305



28.5501, 22.2320, 37.4382

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.



42.5001, 32.9519, 38.5968



23.7708, 32.9519, 21.6305



35.7431, 32.9519, 69.1081

Square

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



23.7708, 32.9519, 21.6305



25.8406, 32.9519, 65.0835



40.3185, 32.9519, 55.3144



37.5234, 32.9519, 17.0540

Rectangle

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



23.7708, 32.9519, 21.6305



22.5275, 32.9519, 43.7604



40.3185, 32.9519, 55.3144



42.1454, 32.9519, 29.0058

Sweetspot

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



23.7717, 32.9533, 21.6312



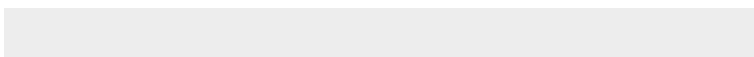
58.9115, 66.8915, 64.2053



32.1286, 37.3005, 20.2586



12.6106, 14.4687, 13.6414



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.



23.7717, 32.9533, 21.6312



38.6751, 57.1402, 32.4929



25.7611, 33.7491, 32.1076



7.4666, 8.4197, 8.1773



10.6607, 21.1831, 3.9803



0.2686, 0.5191, 0.1456

Inverse Universe

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



28.5501, 22.2320, 37.4382



48.5427, 34.9854, 65.1234



26.2144, 21.2977, 25.1383



7.8085, 7.6533, 9.3090



16.4185, 7.9761, 22.8134



0.4086, 0.1977, 0.6029

Previews

White Background



This preview shows how the XYZ color 23.7708, 32.9519, 21.6305 looks on a white background.

Color Contrast Check

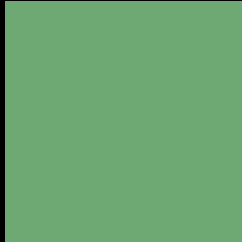
Large Text (above 18pt) WCAG AA × Fail

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 23.7708, 32.9519, 21.6305 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 23.7708, 32.9519, 21.6305

Background



This preview shows how black text looks on a background with the XYZ color 23.7708, 32.9519, 21.6305.



This preview shows how white text looks on a background with the XYZ color 23.7708, 32.9519,

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

23.7708, 32.9519, 21.6305

Protanopia

30.4722, 32.7840, 19.4737

Deuteranopia

33.0361, 32.3596, 22.2741



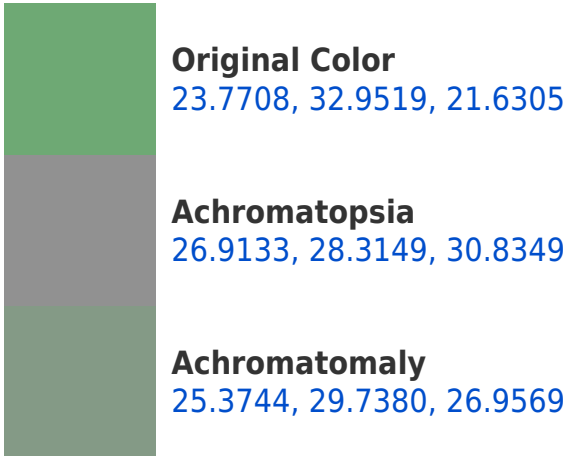
Tritanopia

28.5434, 33.0008, 45.4228

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.7708, 32.9519, 21.6305 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(110, 169, 116)` looks like.

```
.text, #text, p{  
    color:rgb(110, 169, 116)  
}
```

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(110, 169, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 169, 116) }
```

Border

The CSS property to change the border of an element to XYZ 23.7708, 32.9519, 21.6305 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(110, 169, 116) }
```


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

```
.border{ border-color:rgb(110, 169, 116) }
```

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

Here you see how a box with a 4 pixel rgb(110, 169, 116) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 169, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 169, 116);  
box-shadow:4px 4px 4px 4px rgb(110, 169,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 23.7708, 32.9519, 21.6305 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 169, 116) }
```

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

```
.background{ background-color: rgb(110,  
169, 116) }
```

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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