

Converting Colors

XYZ(22.4721, 23.4874, 34.5466)

Have a look what the booklet for
XYZ(22.4721, 23.4874, 34.5466)
contains.

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Color

**XYZ(22.4675, 23.5543,
34.3726)**

Conversions

Conversions Part 1

Format	Color
Hex	7A869B
RGB	122, 134, 155
RGB Percent	48%, 53%, 61%
CMY	0.5216, 0.4745, 0.3922
CMYK	0.21, 0.14, 0.00, 0.39
HSL	218°, 14%, 54%
HSV	218°, 21%, 61%
XYZ	22.4675, 23.5543, 34.3726
YIQ	132.8060, -13.8930, 3.9870

Conversions

Conversions Part 2

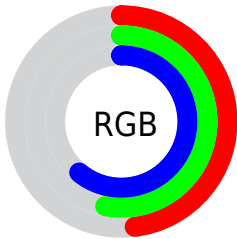
Format	Color
R_{YB}	122, 131, 155
Decimal	8029851
CIE Lab	55.64, 0.37, -12.67
CIE LCh	56, 12.670, 271.658
Yxy	23.5543, 0.2795, 0.2930
Android (android.graphics.Color)	4286219931 (0xFF7A869B)
YUV	132.8060, 10.9416, -9.4769
Hunter-Lab	48.5328, -2.2985, -8.0183

Details

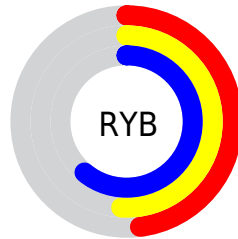
The XYZ color **22.4675, 23.5543, 34.3726** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **26.8531, 28.0186, 22.4057**, and the grayscale version is **22.1895, 23.3450, 25.4227**.

A 20% lighter version of the original color is **46.9581, 49.2581, 67.3544**, and **8.4948, 8.9129, 14.3693** is the 20% darker color. If you saturate the color by 10%, you get **19.1453, 19.9120, 33.8450**, and if you desaturate by 10%, it is **26.2684, 27.6333, 34.9600**.

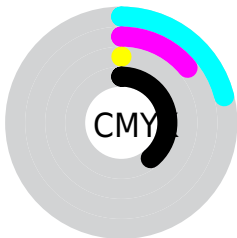
Distribution



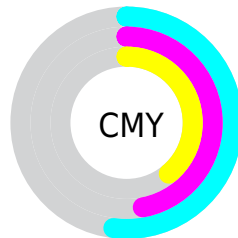
- Red (48%)
- Green (53%)
- Blue (61%)



- Red (48%)
- Yellow (51%)
- Blue (61%)



- Cyan (21%)
- Magenta (14%)
- Yellow (0%)
- Black (39%)



- Cyan (52%)
- Magenta (47%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.4675, 23.5543, 34.3726 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 22.4675, 23.5543, 34.3726 by changing the saturation by 10% instead.

■ 22.4675, 23.5543,
34.3726

■ 22.4675, 23.5543,
34.3726

257.5648,
270.5594, 336.6100

■ 14.3193, 15.0033,
22.9003

■ 46.9906, 49.3019,
67.6532

■ 8.4263, 8.8217,
14.3153

■ 64.0962, 67.2673,
90.2986

■ 4.4230, 4.6251,
8.1990

■ 84.9184, 89.1397,
117.5054

■ 1.9441, 2.0290,
4.1330

109.8225,
115.3034, 149.6922

■ 0.6023, 0.6242,
1.6986

139.1738,
146.1428, 187.2775

■ 0.0000, 0.0000,
0.3598

173.3377,

■ 0.0000, 0.0000,

182.0423, 230.6799

0.0000

212.6796,
223.3864, 280.3179

■ 22.4675, 23.5543,
34.3726

■ 22.4675, 23.5543,
34.3726

■ 19.1453, 19.9120,
33.8450

■ 26.2684, 27.6333,
34.9600

■ 16.2796, 16.6880,
33.3738

■ 30.5646, 32.1608,
35.6075

■ 13.8496, 13.8669,
32.9573

■ 35.3745, 37.1516,
36.3173

■ 11.8319, 11.4310,
32.5935

■ 40.7150, 42.6190,
37.0911

■ 10.2008, 9.3612,
32.2800

■ 46.6022, 48.5757,
37.9306

■ 8.9274, 7.6363,
32.0141

■ 53.0513, 55.0338,
38.8372

■ 7.9780, 6.2322,
31.7932

■ 60.0773, 62.0053,
39.8125

■ 7.3487, 5.2310,
31.6331

■ 67.6941, 69.5014,
40.8580

■ 73.4826, 76.2789,
41.8611

Harmonies

Analogous

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



21.1047, 23.5543, 33.2393



22.4675, 23.5543, 34.3726



23.8655, 23.5543, 32.9685

Triad

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



22.4675, 23.5543, 34.3726



24.8163, 23.5543, 21.7232



20.0487, 23.5543, 22.0793

Complementary

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



22.4675, 23.5543, 34.3726



26.8531, 28.0186, 22.4057

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.



20.9721, 23.5543, 19.4980



22.4675, 23.5543, 34.3726



23.7216, 23.5543, 19.3084

Square

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



22.4675, 23.5543, 34.3726



25.2569, 23.5543, 25.4189



22.3080, 23.5543, 18.5386



19.7444, 23.5543, 25.8757

Rectangle

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



22.4675, 23.5543, 34.3726



24.6195, 23.5543, 30.8610



22.3080, 23.5543, 18.5386



20.2950, 23.5543, 21.0554

Sweetspot

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



22.4682, 23.5553, 34.3731



50.9102, 53.5799, 63.1950



24.6982, 29.5608, 30.3514



11.4201, 12.0187, 14.2883



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



22.4682, 23.5553, 34.3731



37.0285, 38.6849, 61.0516



21.5397, 20.7523, 33.8810



6.0592, 6.3758, 7.8403



5.9362, 4.2691, 25.4188



0.1214, 0.1291, 0.3909

Inverse Universe

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



24.7807, 22.6094, 25.6133



42.0468, 36.8297, 41.9979



27.9230, 31.3893, 22.9999



6.2970, 6.2580, 6.9442



11.4551, 5.8363, 3.6555



0.1877, 0.0938, 0.1414

Previews

White Background



This preview shows how the XYZ color 22.4675, 23.5543, 34.3726 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 22.4675, 23.5543, 34.3726 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

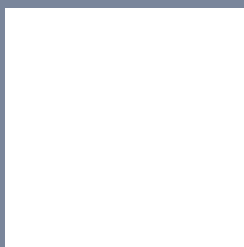
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 22.4675, 23.5543, 34.3726

Background



This preview shows how black text looks on a background with the XYZ color 22.4675, 23.5543, 34.3726.



This preview shows how white text looks on a background with the XYZ color 22.4675, 23.5543,

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

22.4675, 23.5543, 34.3726

Protanopia

23.1373, 23.5027, 33.8889

Deuteranopia

23.9751, 23.5165, 34.7280



Tritanopia

21.5980, 23.3963, 30.5717

Trichromacy



Original Color

22.4675, 23.5543, 34.3726

Protanomaly

22.8244, 23.5438, 33.9133

Deuteranomaly

23.3230, 23.3787, 34.7358

Tritanomaly

21.9739, 23.5628, 31.8237

Monochromacy



Original Color

22.4675, 23.5543, 34.3726

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

22.2485, 23.3653, 28.5366

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.4675, 23.5543, 34.3726 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, 134, 155)` looks like.

```
.text, #text, p{  
    color:rgb(122, 134, 155)  
}
```

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, 134, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 134, 155) }
```

Border

The CSS property to change the border of an element to XYZ 22.4675, 23.5543, 34.3726 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, 134, 155) }
```


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

```
.border{ border-color:rgb(122, 134, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 134, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 134, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 134, 155);  
box-shadow:4px 4px 4px 4px rgb(122, 134,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 22.4675, 23.5543, 34.3726 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 134, 155) }
```

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

```
.background{ background-color: rgb(122,  
134, 155) }
```

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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