

Converting Colors

XYZ(22.5196, 23.4181, 33.5794)

Have a look what the booklet for
XYZ(22.5196, 23.4181, 33.5794)
contains.

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Color

**XYZ(22.4495, 23.3601,
33.4627)**

Conversions

Conversions Part 1

Format	Color
Hex	7C8599
RGB	124, 133, 153
RGB Percent	49%, 52%, 60%
CMY	0.5137, 0.4784, 0.4000
CMYK	0.19, 0.13, 0.00, 0.40
HSL	221°, 12%, 54%
HSV	221°, 19%, 60%
XYZ	22.4495, 23.3601, 33.4627
YIQ	132.5890, -11.7840, 4.3120

Conversions

Conversions Part 2

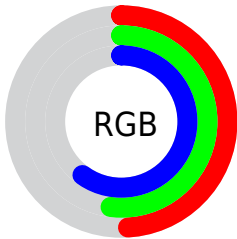
Format	Color
RYB	124, 131, 153
Decimal	8160665
CIELab	55.44, 1.14, -11.79
CIElCh	55, 11.848, 275.498
Yxy	23.3601, 0.2832, 0.2947
Android (android.graphics.Color)	4286350745 (0xFF7C8599)
YUV	132.5890, 10.0626, -7.5326
Hunter-Lab	48.3323, -1.6714, -7.2166

Details

The XYZ color **22.4495, 23.3601, 33.4627** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **26.7484, 28.1740, 23.0977**, and the grayscale version is **22.1134, 23.2650, 25.3356**.

A 20% lighter version of the original color is **46.9529, 48.9699, 66.0089**, and **8.4702, 8.7958, 13.8217** is the 20% darker color. If you saturate the color by 10%, you get **19.0351, 19.5626, 32.9101**, and if you desaturate by 10%, it is **26.3536, 27.6266, 34.0808**.

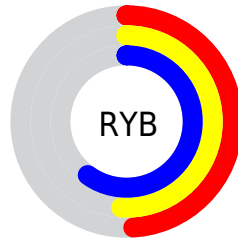
Distribution



Red (49%)

Green (52%)

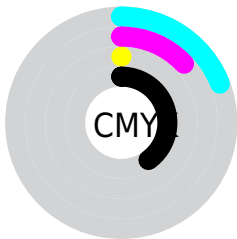
Blue (60%)



Red (49%)

Yellow (51%)

Blue (60%)

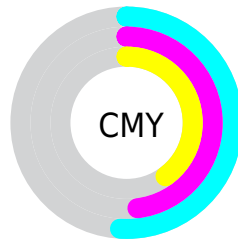


Cyan (19%)

Magenta (13%)

Yellow (0%)

Black (40%)



Cyan (51%)

Magenta (48%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.4495, 23.3601, 33.4627 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 22.4495, 23.3601, 33.4627 by changing the saturation by 10% instead.

■ 22.4495, 23.3601,
33.4627

■ 22.4495, 23.3601,
33.4627

257.4732,
269.5692, 332.4253

■ 14.3060, 14.8596,
22.2071

■ 46.9612, 48.9839,
66.2216

■ 8.4169, 8.7209,
13.8094

■ 64.0600, 66.8761,
88.5619

■ 4.4169, 4.5596,
7.8510

■ 84.8747, 88.6676,
115.4343

■ 1.9406, 1.9913,
3.9133

109.7706,
114.7428, 147.2572

■ 0.6003, 0.6024,
1.5779

139.1131,
145.4862, 184.4493

■ 0.0000, 0.0000,
0.2750

173.2674,

■ 0.0000, 0.0000,

181.2822, 227.4289

0.0000

212.5990,
222.5150, 276.6147

■ 22.4495, 23.3601,
33.4627

■ 22.4495, 23.3601,
33.4627

■ 19.0351, 19.5626,
32.9101

■ 26.3536, 27.6266,
34.0808

■ 16.0881, 16.2147,
32.4192

■ 30.7640, 32.3750,
34.7649

■ 13.5878, 13.2995,
31.9882

■ 35.6993, 37.6213,
35.5174

■ 11.5111, 10.7981,
31.6149

■ 41.1764, 43.3798,
36.3403

■ 9.8323, 8.6901,
31.2965

■ 47.2114, 49.6642,
37.2352

■ 8.5231, 6.9529,
31.0302

■ 53.8199, 56.4878,
38.2040

■ 7.5508, 5.5613,
30.8128

■ 61.0166, 63.8633,
39.2483

■ 6.8514, 4.4733,
30.6397

■ 68.8158, 71.8029,
40.3697

■ 6.7861, 4.3725,
30.6237

■ 74.7225, 79.0252,
41.4524

Harmonies

Analogous

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



21.1571, 23.3601, 32.7153



22.4495, 23.3601, 33.4627



23.7247, 23.3601, 31.8907

Triad

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



22.4495, 23.3601, 33.4627



24.3555, 23.3601, 21.4070



19.9518, 23.3601, 22.5111

Complementary

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



22.4495, 23.3601, 33.4627



26.7484, 28.1740, 23.0977

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.



20.7480, 23.3601, 19.9155



22.4495, 23.3601, 33.4627



23.2830, 23.3601, 19.3241

Square

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



22.4495, 23.3601, 33.4627



24.8530, 23.3601, 24.7385



21.9585, 23.3601, 18.8066



19.7486, 23.3601, 26.1448

Rectangle

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



22.4495, 23.3601, 33.4627



24.3827, 23.3601, 29.8232



21.9585, 23.3601, 18.8066



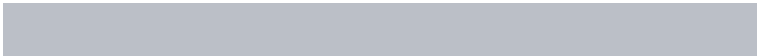
20.1574, 23.3601, 21.5002

Sweetspot

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



22.4502, 23.3611, 33.4632



49.3414, 51.7974, 61.3693



24.7239, 29.0760, 30.6217



10.7970, 11.3314, 13.5356



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.



22.4502, 23.3611, 33.4632



37.3465, 38.6731, 59.4683



22.0594, 21.4077, 33.1068



6.0331, 6.3236, 7.8316



5.6355, 3.6677, 25.3186



0.1140, 0.1143, 0.3884

Inverse Universe

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



24.5787, 22.8816, 25.3126



41.9507, 37.7641, 41.8088



27.1853, 30.5045, 23.5245



6.2838, 6.2527, 6.8748



11.3033, 5.7756, 2.8563



0.1840, 0.0924, 0.1218

Previews

White Background



This preview shows how the XYZ color 22.4495, 23.3601, 33.4627 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 22.4495, 23.3601, 33.4627 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

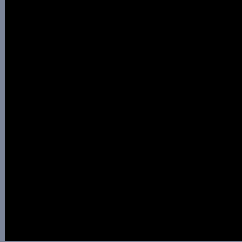
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

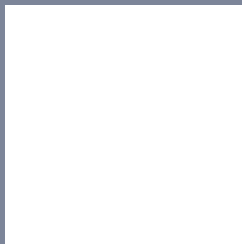
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 22.4495, 23.3601, 33.4627

Background



This preview shows how black text looks on a background with the XYZ color 22.4495, 23.3601, 33.4627.



This preview shows how white text looks on a background with the XYZ color 22.4495, 23.3601,

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

22.4495, 23.3601, 33.4627

Protanopia

22.9720, 23.4367, 33.0187

Deuteranopia

23.6747, 23.1845, 33.7991



Tritanopia

21.8043, 23.3055, 30.1373

Trichromacy



Original Color

22.4495, 23.3601, 33.4627

Protanomaly

22.6712, 23.2816, 33.0047

Deuteranomaly

23.1754, 23.1237, 33.8137

Tritanomaly

22.0388, 23.3993, 31.3719

Monochromacy



Original Color

22.4495, 23.3601, 33.4627

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

22.3271, 23.4143, 28.1536

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.4495, 23.3601, 33.4627 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(124, 133, 153)` looks like.

```
.text, #text, p{  
    color:rgb(124, 133, 153)  
}
```

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(124, 133, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 133, 153) }
```

Border

The CSS property to change the border of an element to XYZ 22.4495, 23.3601, 33.4627 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(124, 133, 153) }
```


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

```
.border{ border-color:rgb(124, 133, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 133, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 133, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 133, 153);  
box-shadow:4px 4px 4px 4px rgb(124, 133,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 22.4495, 23.3601, 33.4627 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 133, 153) }
```

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

```
.background{ background-color: rgb(124,  
133, 153) }
```

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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