

Converting Colors

XYZ(23.2647, 24.3254, 33.6508)

Have a look what the booklet for
XYZ(23.2647, 24.3254, 33.6508)
contains.

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Color

**XYZ(23.3063, 24.4203,
33.6222)**

Conversions

Conversions Part 1

Format	Color
Hex	7F8899
RGB	127, 136, 153
RGB Percent	50%, 53%, 60%
CMY	0.5020, 0.4667, 0.4000
CMYK	0.17, 0.11, 0.00, 0.40
HSL	219°, 11%, 55%
HSV	219°, 17%, 60%
XYZ	23.3063, 24.4203, 33.6222
YIQ	135.2470, -10.8210, 3.3790

Conversions

Conversions Part 2

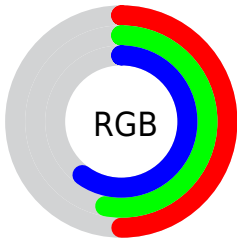
Format	Color
R_{YB}	127, 134, 153
Decimal	8358041
CIE _{Lab}	56.51, 0.43, -10.17
CIE _{LCh}	57, 10.180, 272.411
Yxy	24.4203, 0.2865, 0.3002
Android (android.graphics.Color)	4286548121 (0xFF7F8899)
YUV	135.2470, 8.7522, -7.2326
Hunter-Lab	49.4169, -2.2943, -5.7478

Details

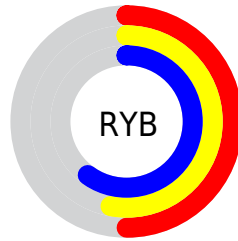
The XYZ color **23.3063, 24.4203, 33.6222** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **26.9409, 28.2508, 24.1121**, and the grayscale version is **23.0928, 24.2954, 26.4577**.

A 20% lighter version of the original color is **48.2825, 50.6035, 66.2542**, and **8.8679, 9.2346, 13.8854** is the 20% darker color. If you saturate the color by 10%, you get **19.8549, 20.6470, 33.0762**, and if you desaturate by 10%, it is **27.2367, 28.6370, 34.2293**.

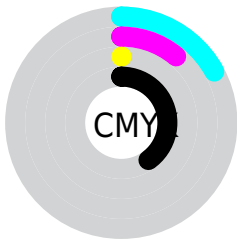
Distribution



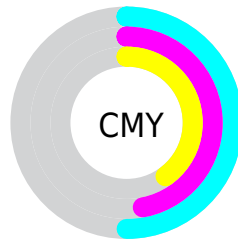
- Red (50%)
- Green (53%)
- Blue (60%)



- Red (50%)
- Yellow (53%)
- Blue (60%)



- Cyan (17%)
- Magenta (11%)
- Yellow (0%)
- Black (40%)



- Cyan (50%)
- Magenta (47%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.3063, 24.4203, 33.6222 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 23.3063, 24.4203, 33.6222 by changing the saturation by 10% instead.

■ 23.3063, 24.4203,
33.6222

■ 23.3063, 24.4203,
33.6222

261.8004,
274.9385, 333.1617

■ 14.9418, 15.6457,
22.3285

■ 48.3587, 50.7152,
66.4729

■ 8.8646, 9.2738,
13.8979

■ 65.7774, 69.0043,
88.8670

■ 4.7094, 4.9202,
7.9117

■ 86.9448, 91.2337,
115.7983

■ 2.1108, 2.2005,
3.9515

112.2263,
117.7877, 147.6853

■ 0.6951, 0.7203,
1.5988

141.9872,
149.0508, 184.9466

■ 0.0000, 0.0000,
0.2900

176.5930,

■ 0.0000, 0.0000,

185.4074, 228.0008

0.0000

216.4089,
227.2418, 277.2663

■ 23.3063, 24.4203,
33.6222

■ 23.3063, 24.4203,
33.6222

■ 19.8549, 20.6470,
33.0762

■ 27.2367, 28.6370,
34.2293

■ 16.8612, 17.2989,
32.5877

■ 31.6620, 33.3084,
34.8978

■ 14.3054, 14.3609,
32.1553

■ 36.5998, 38.4494,
35.6298

■ 12.1655, 11.8158,
31.7769

■ 42.0665, 44.0729,
36.4272

■ 10.4171, 9.6449,
31.4500

■ 48.0776, 50.1916,
37.2914

■ 9.0334, 7.8280,
31.1722

■ 54.6478, 56.8175,
38.2240

■ 7.9837, 6.3423,
30.9408

■ 61.7914, 63.9624,
39.2266

■ 7.2208, 5.1563,
30.7521

■ 69.5221, 71.6375,
40.3006

■ 7.0218, 4.8439,
30.7023

■ 74.1934, 77.9670,
41.2761

Harmonies

Analogous

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



22.1761, 24.4203, 32.7724



23.3063, 24.4203, 33.6222



24.4478, 24.4203, 32.4593

Triad

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



23.3063, 24.4203, 33.6222



25.1788, 24.4203, 23.2576



21.2579, 24.4203, 23.6931

Complementary

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



23.3063, 24.4203, 33.6222



26.9409, 28.2508, 24.1121

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.



22.0161, 24.4203, 21.4738



23.3063, 24.4203, 33.6222



24.2772, 24.4203, 21.2378

Square

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



23.3063, 24.4203, 33.6222



25.5515, 24.4203, 26.3173



23.1155, 24.4203, 20.6130



21.0175, 24.4203, 26.8637

Rectangle

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



23.3063, 24.4203, 33.6222



25.0549, 24.4203, 30.7522



23.1155, 24.4203, 20.6130



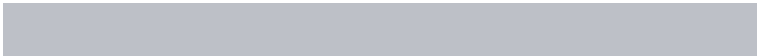
21.4594, 24.4203, 22.8206

Sweetspot

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



23.3070, 24.4213, 33.6227



50.2095, 52.8064, 61.5183



25.1704, 29.3055, 30.6758



10.9788, 11.5456, 13.5674



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.



23.3070, 24.4213, 33.6227



39.5422, 41.3484, 59.8689



22.6841, 22.2964, 33.2454



6.0507, 6.3587, 7.8374



5.8321, 4.0609, 25.3841



0.1190, 0.1243, 0.3901

Inverse Universe

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



25.1707, 23.7291, 26.5473



43.4780, 39.9790, 44.9063



27.6351, 30.7142, 24.5510



6.2927, 6.2562, 6.9214



11.4025, 5.8153, 3.3788



0.1865, 0.0934, 0.1350

Previews

White Background



This preview shows how the XYZ color 23.3063, 24.4203, 33.6222 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 23.3063, 24.4203, 33.6222 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

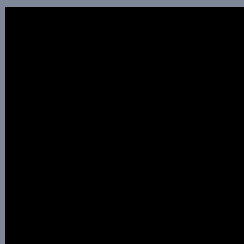
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

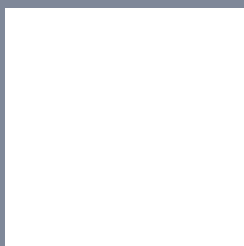
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.3063, 24.4203, 33.6222

Background



This preview shows how black text looks on a background with the XYZ color 23.3063, 24.4203, 33.6222.



This preview shows how white text looks on a background with the XYZ color 23.3063, 24.4203,

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

23.3063, 24.4203, 33.6222

Protanopia

23.8655, 24.3037, 33.1390

Deuteranopia

24.8992, 24.4111, 33.9713



Tritanopia

22.8951, 24.4651, 31.5325

Trichromacy



Original Color

23.3063, 24.4203, 33.6222

Protanomaly

23.6915, 24.4202, 33.1707

Deuteranomaly

24.2119, 24.2590, 33.9782

Tritanomaly

23.0549, 24.5289, 32.3736

Monochromacy



Original Color

23.3063, 24.4203, 33.6222

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

23.0622, 24.1865, 29.0441

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.3063, 24.4203, 33.6222 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(127, 136, 153)` looks like.

```
.text, #text, p{  
    color:rgb(127, 136, 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(127, 136, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 136, 153) }
```

Border

The CSS property to change the border of an element to XYZ 23.3063, 24.4203, 33.6222 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(127, 136, 153) }
```


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

```
.border{ border-color:rgb(127, 136, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 136, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 136, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 136, 153);  
box-shadow:4px 4px 4px 4px rgb(127, 136,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 23.3063, 24.4203, 33.6222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 136, 153) }
```

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

```
.background{ background-color: rgb(127,  
136, 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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