

Converting Colors

XYZ(21.9623, 22.9545, 30.3349)

Have a look what the booklet for
XYZ(21.9623, 22.9545, 30.3349)
contains.

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Color

**XYZ(22.0438, 23.0135,
30.4743)**

Conversions

Conversions Part 1

Format	Color
Hex	7E8492
RGB	126, 132, 146
RGB Percent	49%, 52%, 57%
CMY	0.5059, 0.4823, 0.4274
CMYK	0.14, 0.10, 0.00, 0.43
HSL	222°, 8%, 53%
HSV	222°, 14%, 57%
XYZ	22.0438, 23.0135, 30.4743
YIQ	131.8020, -8.0700, 3.0820

Conversions

Conversions Part 2

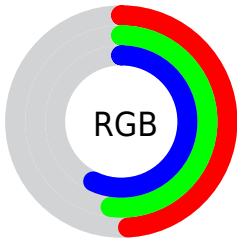
Format	Color
RYB	126, 131, 146
Decimal	8291474
CIELab	55.09, 0.79, -8.26
CIELCh	55, 8.300, 275.479
Yxy	23.0135, 0.2918, 0.3047
Android (android.graphics.Color)	4286481554 (0xFF7E8492)
YUV	131.8020, 6.9996, -5.0884
Hunter-Lab	47.9724, -1.9291, -4.0831

Details

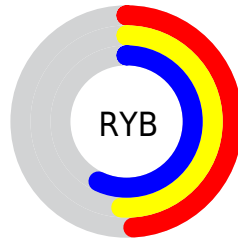
The XYZ color **22.0438, 23.0135, 30.4743** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.9982, 26.3735, 23.5123**, and the grayscale version is **21.8391, 22.9764, 25.0213**.

A 20% lighter version of the original color is **46.3647, 48.4518, 61.5520**, and **8.2651, 8.6088, 12.2924** is the 20% darker color. If you saturate the color by 10%, you get **18.7276, 19.3471, 29.9418**, and if you desaturate by 10%, it is **25.8113, 27.1153, 31.0678**.

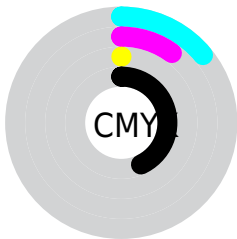
Distribution



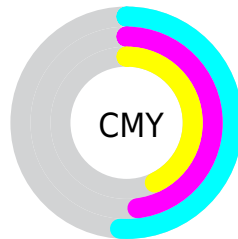
- Red (49%)
- Green (52%)
- Blue (57%)



- Red (49%)
- Yellow (51%)
- Blue (57%)



- Cyan (14%)
- Magenta (10%)
- Yellow (0%)
- Black (43%)



- Cyan (51%)
- Magenta (48%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.0438, 23.0135, 30.4743 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 22.0438, 23.0135, 30.4743 by changing the saturation by 10% instead.

■ 22.0438, 23.0135,
30.4743

■ 22.0438, 23.0135,
30.4743

255.4030,
267.7943, 318.3849

■ 14.0059, 14.6035,
19.9438

■ 46.2967, 48.4155,
61.4813

■ 8.2065, 8.5416,
12.1705

■ 63.2424, 66.1763,
82.7948

■ 4.2803, 4.4434,
6.7360

■ 83.8880, 87.8227,
108.5398

■ 1.8619, 1.9246,
3.2216

108.5989,
113.7393, 139.1348

■ 0.5545, 0.5631,
1.2089

137.7406,
144.3103, 174.9982

■ 0.0000, 0.0000,
0.0000

171.6782,

179.9202, 216.5487

210.7772,
220.9534, 264.2047

■ 22.0438, 23.0135,
30.4743

■ 22.0438, 23.0135,
30.4743

■ 18.7276, 19.3471,
29.9418

■ 25.8113, 27.1153,
31.0678

■ 15.8433, 16.0985,
29.4667

■ 30.0446, 31.6637,
31.7226

■ 13.3730, 13.2530,
29.0477

■ 34.7600, 36.6730,
32.4410

■ 11.2966, 10.7940,
28.6825

■ 39.9723, 42.1560,
33.2246

■ 9.5923, 8.7036,
28.3688

■ 45.6957, 48.1249,
34.0751

■ 8.2361, 6.9622,
28.1042

■ 51.9439, 54.5916,
34.9939

■ 7.2010, 5.5484,
27.8859

■ 58.7300, 61.5675,
35.9828

■ 6.4550, 4.4375,
27.7108

■ 66.0667, 69.0636,
37.0430

■ 6.0821, 3.8627,
27.6195

■ 73.0767, 76.6320,
38.1344

Harmonies

Analogous

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



21.1442, 23.0135, 29.9804



22.0438, 23.0135, 30.4743



22.9216, 23.0135, 29.4359

Triad

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



22.0438, 23.0135, 30.4743



23.3532, 23.0135, 22.2178



20.2960, 23.0135, 23.0039

Complementary

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



22.0438, 23.0135, 30.4743



24.9982, 26.3735, 23.5123

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.



20.8581, 23.0135, 21.1368



22.0438, 23.0135, 30.4743



22.6197, 23.0135, 20.7059

Square

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



22.0438, 23.0135, 30.4743



23.6911, 23.0135, 24.5749



21.7044, 23.0135, 20.3244



20.1516, 23.0135, 25.5470

Rectangle

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



22.0438, 23.0135, 30.4743



23.3711, 23.0135, 28.0547



21.7044, 23.0135, 20.3244



20.4416, 23.0135, 22.2823

Sweetspot

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



22.0445, 23.0145, 30.4748



45.2641, 47.5425, 54.7645



23.5926, 26.8774, 28.6271



9.9621, 10.4601, 12.1662



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



22.0445, 23.0145, 30.4748



37.2765, 38.8279, 53.5034



21.8045, 21.7171, 30.2370



5.6329, 5.8999, 7.3116



5.3698, 3.4345, 24.3109



0.0891, 0.0888, 0.3053

Inverse Universe

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



23.4803, 22.6992, 24.9747



40.2533, 38.2190, 42.0906



25.2578, 27.8448, 23.7826



5.8682, 5.8423, 6.4119



10.8375, 5.5401, 2.6255



0.1444, 0.0725, 0.0943

Previews

White Background



This preview shows how the XYZ color 22.0438, 23.0135, 30.4743 looks on a white background.

Color Contrast Check

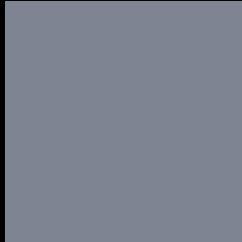
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.0438, 23.0135, 30.4743 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

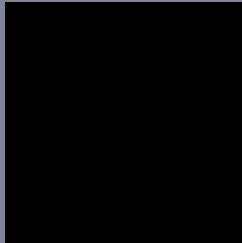
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

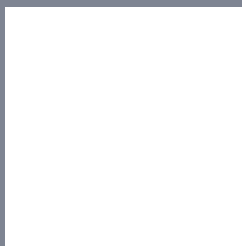
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 22.0438, 23.0135, 30.4743

Background



This preview shows how black text looks on a background with the XYZ color 22.0438, 23.0135, 30.4743.



This preview shows how white text looks on a background with the XYZ color 22.0438, 23.0135,

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

22.0438, 23.0135, 30.4743

Protanopia

22.4331, 23.0228, 30.0496

Deuteranopia

23.4669, 22.9482, 30.7964



Tritanopia

21.6666, 22.8457, 29.2543

Trichromacy



Original Color

22.0438, 23.0135, 30.4743

Protanomaly

22.2804, 22.9441, 30.0424

Deuteranomaly

22.9482, 22.8754, 30.8097

Tritanomaly

21.7428, 22.8761, 29.6551

Monochromacy



Original Color

22.0438, 23.0135, 30.4743

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

21.9725, 23.0545, 26.9588

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.0438, 23.0135, 30.4743 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(126, 132, 146)` looks like.

```
.text, #text, p{  
    color:rgb(126, 132, 146)  
}
```

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(126, 132, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 132, 146) }
```

Border

The CSS property to change the border of an element to XYZ 22.0438, 23.0135, 30.4743 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(126, 132, 146) }
```


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

```
.border{ border-color:rgb(126, 132, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 132, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 132, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 132, 146);  
box-shadow:4px 4px 4px 4px rgb(126, 132,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 22.0438, 23.0135, 30.4743 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 132, 146) }
```

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

```
.background{ background-color: rgb(126,  
132, 146) }
```

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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