

Converting Colors

XYZ(22.0220, 23.4662, 30.5199)

Have a look what the booklet for
XYZ(22.0220, 23.4662, 30.5199)
contains.

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Color

**XYZ(22.0256, 23.4106,
30.5520)**

Conversions

Conversions Part 1

Format	Color
Hex	7C8692
RGB	124, 134, 146
RGB Percent	49%, 53%, 57%
CMY	0.5137, 0.4745, 0.4274
CMYK	0.15, 0.08, 0.00, 0.43
HSL	213°, 9%, 53%
HSV	213°, 15%, 57%
XYZ	22.0256, 23.4106, 30.5520
YIQ	132.3780, -9.8120, 1.6120

Conversions

Conversions Part 2

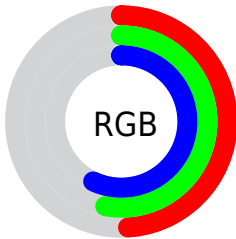
Format	Color
R_{YB}	124, 131, 146
Decimal	8160914
CIE Lab	55.49, -1.04, -7.67
CIE LCh	55, 7.743, 262.248
Yxy	23.4106, 0.2899, 0.3081
Android (android.graphics.Color)	4286350994 (0xFF7C8692)
YUV	132.3780, 6.7156, -7.3475
Hunter-Lab	48.3845, -3.4161, -3.5690

Details

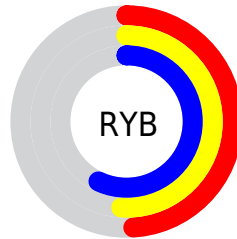
The XYZ color **22.0256, 23.4106, 30.5520** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.2965, 25.1746, 22.6479**, and the grayscale version is **22.0482, 23.1964, 25.2609**.

A 20% lighter version of the original color is **46.3271, 49.0579, 61.6710**, and **8.1833, 8.6810, 12.3106** is the 20% darker color. If you saturate the color by 10%, you get **19.0106, 20.2841, 30.1078**, and if you desaturate by 10%, it is **25.4373, 26.8658, 31.0395**.

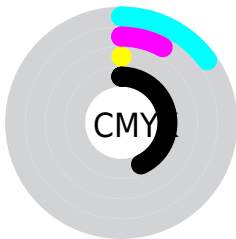
Distribution



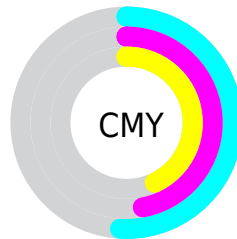
- Red (49%)
- Green (53%)
- Blue (57%)



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



- Cyan (15%)
- Magenta (8%)
- Yellow (0%)
- Black (43%)



- Cyan (51%)
- Magenta (47%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.0256, 23.4106, 30.5520 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 22.0256, 23.4106, 30.5520 by changing the saturation by 10% instead.

■ 22.0256, 23.4106,
30.5520

■ 22.0256, 23.4106,
30.5520

255.3098,
269.8270, 318.7561

■ 13.9924, 14.8970,
20.0024

■ 46.2668, 49.0667,
61.6053

■ 8.1971, 8.7471,
12.2127

■ 63.2056, 66.9779,
82.9461

■ 4.2742, 4.5766,
6.7644

■ 83.8436, 88.7904,
108.7210

■ 1.8584, 2.0011,
3.2390

108.5462,
114.8887, 139.3485

■ 0.5525, 0.6081,
1.2179

137.6788,
145.6571, 175.2473

■ 0.0000, 0.0000,
0.0000

171.6067,

181.4800, 216.8357

210.6952,
222.7418, 264.5325

■ 22.0256, 23.4106,
30.5520

■ 22.0256, 23.4106,
30.5520

■ 19.0106, 20.2841,
30.1078

■ 25.4373, 26.8658,
31.0395

■ 16.3747, 17.4728,
29.7041

■ 29.2582, 30.6571,
31.5699

■ 14.1020, 14.9663,
29.3401

■ 33.5029, 34.7949,
32.1448

■ 12.1748, 12.7526,
29.0144

■ 38.1844, 39.2886,
32.7655

■ 10.5733, 10.8184,
28.7254

■ 43.3154, 44.1469,
33.4328

■ 9.2760, 9.1496,
28.4717

■ 48.9078, 49.3786,
34.1478

■ 8.2581, 7.7302,
28.2514

■ 54.9733, 54.9916,
34.9116

■ 7.4876, 6.5401,
28.0623

■ 61.5230, 60.9942,
35.7250

■ 7.1586, 6.0158,
27.9784

■ 68.4194, 67.3174,
36.5820

Harmonies

Analogous

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



21.2399, 23.4106, 29.4798



22.0256, 23.4106, 30.5520



22.8921, 23.4106, 30.1994

Triad

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



22.0256, 23.4106, 30.5520



23.8398, 23.4106, 23.7145



20.9511, 23.4106, 22.6610

Complementary

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



22.0256, 23.4106, 30.5520



24.2965, 25.1746, 22.6479

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.



21.6221, 23.4106, 21.2978



22.0256, 23.4106, 30.5520



23.2938, 23.4106, 21.8778

Square

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



22.0256, 23.4106, 30.5520



23.9547, 23.4106, 26.1436



22.4781, 23.4106, 21.0208



20.6302, 23.4106, 24.8477

Rectangle

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



22.0256, 23.4106, 30.5520



23.3979, 23.4106, 29.2137



22.4781, 23.4106, 21.0208



21.1424, 23.4106, 22.0973

Sweetspot

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



22.0263, 23.4116, 30.5525



44.8525, 47.3725, 54.7534



23.0165, 26.6133, 27.1176



9.8897, 10.4501, 12.1680



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.



22.0263, 23.4116, 30.5525



37.0270, 39.4187, 53.6306



20.8150, 20.8311, 30.1183



5.7037, 6.0413, 7.3352



6.3213, 5.3373, 24.6281



0.1062, 0.1230, 0.3110

Inverse Universe

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



23.3654, 22.2481, 25.6182



39.8614, 37.0437, 43.1666



25.6415, 28.0575, 23.1335



5.9039, 5.8566, 6.5999



11.3178, 5.7322, 5.1543



0.1531, 0.0760, 0.1398

Previews

White Background



This preview shows how the XYZ color 22.0256, 23.4106, 30.5520 looks on a white background.

Color Contrast Check

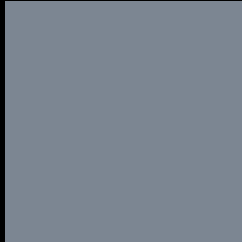
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.0256, 23.4106, 30.5520 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

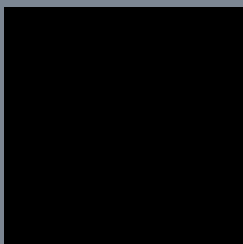
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

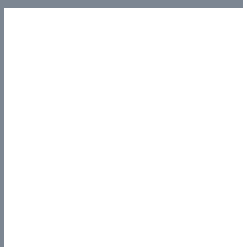
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 22.0256, 23.4106, 30.5520

Background



This preview shows how black text looks on a background with the XYZ color 22.0256, 23.4106, 30.5520.

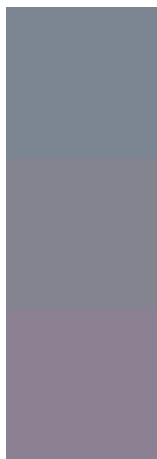


This preview shows how white text looks on a background with the XYZ color 22.0256, 23.4106,

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

22.0256, 23.4106, 30.5520

Protanopia

22.8778, 23.4524, 30.1090

Deuteranopia

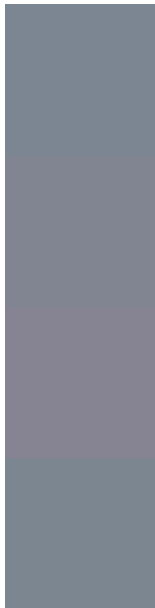
23.7642, 23.2961, 30.8478



Tritanopia

21.9481, 23.3796, 30.1440

Trichromacy



Original Color

22.0256, 23.4106, 30.5520

Protanomaly

22.5516, 23.4865, 30.1328

Deuteranomaly

23.2143, 23.4075, 30.8983

Tritanomaly

21.9481, 23.3796, 30.1440

Monochromacy



Original Color

22.0256, 23.4106, 30.5520

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

21.9561, 23.2483, 26.9971

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.0256, 23.4106, 30.5520 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, 134, 146)` looks like.

```
.text, #text, p{  
    color:rgb(124, 134, 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(124, 134, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 134, 146) }
```

Border

The CSS property to change the border of an element to XYZ 22.0256, 23.4106, 30.5520 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, 134, 146) }
```


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

```
.border{ border-color:rgb(124, 134, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 134, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 134, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 134, 146);  
box-shadow:4px 4px 4px 4px rgb(124, 134,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 22.0256, 23.4106, 30.5520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 134, 146) }
```

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

```
.background{ background-color: rgb(124,  
134, 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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