

Converting Colors

XYZ(22.2874, 24.6746, 32.4424)

Have a look what the booklet for
XYZ(22.2874, 24.6746, 32.4424)
contains.

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Color

**XYZ(22.3543, 24.8097,
32.4647)**

Conversions

Conversions Part 1

Format	Color
Hex	768C96
RGB	118, 140, 150
RGB Percent	46%, 55%, 59%
CMY	0.5372, 0.4510, 0.4118
CMYK	0.21, 0.07, 0.00, 0.41
HSL	199°, 13%, 53%
HSV	199°, 21%, 59%
XYZ	22.3543, 24.8097, 32.4647
YIQ	134.5620, -16.3220, -1.5540

Conversions

Conversions Part 2

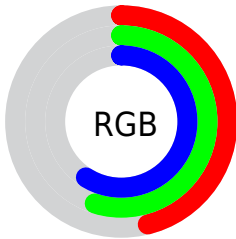
Format	Color
R_{YB}	118, 131, 150
Decimal	7769238
CIE _{Lab}	56.89, -5.54, -7.94
CIE _{LCh}	57, 9.685, 235.076
Yxy	24.8097, 0.2807, 0.3116
Android (android.graphics.Color)	4285959318 (0xFF768C96)
YUV	134.5620, 7.6109, -14.5249
Hunter-Lab	49.8093, -7.0560, -3.7775

Details

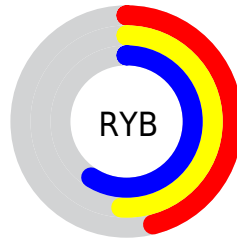
The XYZ color **22.3543, 24.8097, 32.4647** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.5671, 23.2304, 20.3819**, and the grayscale version is **22.8447, 24.0344, 26.1734**.

A 20% lighter version of the original color is **46.9855, 51.6011, 64.6104**, and **8.3625, 9.4784, 13.1931** is the 20% darker color. If you saturate the color by 10%, you get **19.8069, 22.5020, 32.1539**, and if you desaturate by 10%, it is **25.2563, 27.3448, 32.8015**.

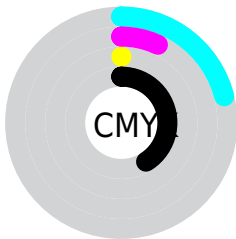
Distribution



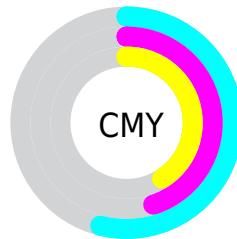
- Red (46%)
- Green (55%)
- Blue (59%)



- Red (46%)
- Yellow (51%)
- Blue (59%)



- Cyan (21%)
- Magenta (7%)
- Yellow (0%)
- Black (41%)



- Cyan (54%)
- Magenta (45%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.3543, 24.8097, 32.4647 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 22.3543, 24.8097, 32.4647 by changing the saturation by 10% instead.

■ 22.3543, 24.8097,
32.4647

■ 22.3543, 24.8097,
32.4647

256.9887,
276.8889, 327.7884

■ 14.2355, 15.9353,
21.4489

■ 46.8054, 51.3483,
64.6452

■ 8.3675, 9.4784,
13.2581

■ 63.8684, 69.7814,
86.6471

■ 4.3847, 5.0545,
7.4737

■ 84.6436, 92.1695,
113.1480

■ 1.9220, 2.2793,
3.6772

109.4962,
118.8969, 144.5667

■ 0.5896, 0.7627,
1.4500

138.7917,
150.3482, 181.3215

■ 0.0000, 0.0000,
0.1802

172.8953,

■ 0.0000, 0.0000,

186.9077, 223.8310

0.0000

212.1726,
228.9598, 272.5138

■ 22.3543, 24.8097,
32.4647

■ 22.3543, 24.8097,
32.4647

■ 19.8069, 22.5020,
32.1539

■ 25.2563, 27.3448,
32.8015

■ 17.5964, 20.4100,
31.8667

■ 28.5253, 30.1123,
33.1634

■ 15.7064, 18.5256,
31.6025

■ 32.1758, 33.1208,
33.5517

■ 14.1186, 16.8387,
31.3606

■ 36.2208, 36.3776,
33.9671

■ 12.8126, 15.3381,
31.1398

■ 40.6728, 39.8894,
34.4103

■ 11.7652, 14.0114,
30.9389

■ 45.5435, 43.6630,
34.8820

■ 10.9492, 12.8439,
30.7566

■ 50.8444, 47.7047,
35.3827

■ 10.3687, 11.9291,
30.6106

■ 56.5862, 52.0205,
35.9131

■ 62.7796, 56.6162,
36.4737

Harmonies

Analogous

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



21.6603, 24.8097, 29.7479



22.3543, 24.8097, 32.4647



23.3942, 24.8097, 33.7260

Triad

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



22.3543, 24.8097, 32.4647



25.8210, 24.8097, 27.5532



22.6687, 24.8097, 21.7423

Complementary

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



22.3543, 24.8097, 32.4647



23.5671, 23.2304, 20.3819

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.



23.7686, 24.8097, 21.2566



22.3543, 24.8097, 32.4647



25.6118, 24.8097, 24.4521

Square

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



22.3543, 24.8097, 32.4647



25.4145, 24.8097, 30.7492



24.8515, 24.8097, 22.2095



21.8377, 24.8097, 23.5934

Rectangle

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



22.3543, 24.8097, 32.4647



24.1526, 24.8097, 33.5040



24.8515, 24.8097, 22.2095



23.0182, 24.8097, 21.4206

Sweetspot

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



22.3550, 24.8107, 32.4653



47.4968, 50.7513, 58.2139



22.2480, 27.2127, 24.3648



10.4533, 11.1857, 12.8929



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



22.3550, 24.8107, 32.4653



37.0459, 41.6258, 57.0033



20.2346, 20.5699, 31.7585



5.8128, 6.2596, 7.3716



8.6288, 9.9525, 25.3973



0.1320, 0.1746, 0.3196

Inverse Universe

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



23.7903, 21.3349, 27.6762



40.1228, 34.4284, 46.6798



25.7609, 27.6180, 21.1131



5.9590, 5.8786, 6.8900



12.4825, 6.1981, 11.2879



0.1661, 0.0812, 0.2083

Previews

White Background



This preview shows how the XYZ color 22.3543, 24.8097, 32.4647 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 22.3543, 24.8097, 32.4647 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

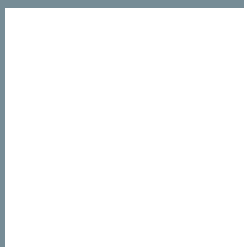
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 22.3543, 24.8097, 32.4647

Background



This preview shows how black text looks on a background with the XYZ color 22.3543, 24.8097, 32.4647.



This preview shows how white text looks on a background with the XYZ color 22.3543, 24.8097,

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

22.3543, 24.8097, 32.4647

Protanopia

23.9221, 24.5854, 31.0884

Deuteranopia

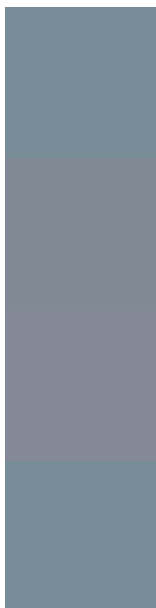
25.2104, 24.7928, 33.1625



Tritanopia

22.4352, 24.8421, 32.8907

Trichromacy



Original Color

22.3543, 24.8097, 32.4647

Protanomaly

23.3442, 24.6966, 31.5535

Deuteranomaly

24.0629, 24.8292, 32.8024

Tritanomaly

22.4352, 24.8421, 32.8907

Monochromacy



Original Color

22.3543, 24.8097, 32.4647

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

22.7325, 24.4519, 28.3325

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.3543, 24.8097, 32.4647 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(118, 140, 150)` looks like.

```
.text, #text, p{  
    color:rgb(118, 140, 150)  
}
```

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(118, 140, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 140, 150) }
```

Border

The CSS property to change the border of an element to XYZ 22.3543, 24.8097, 32.4647 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(118, 140, 150) }
```


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

```
.border{ border-color:rgb(118, 140, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 140, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 140, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 140, 150);  
box-shadow:4px 4px 4px 4px rgb(118, 140,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 22.3543, 24.8097, 32.4647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 140, 150) }
```

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

```
.background{ background-color: rgb(118,  
140, 150) }
```

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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