

Converting Colors

XYZ(24.7238, 25.5536, 38.9770)

Have a look what the booklet for
XYZ(24.7238, 25.5536, 38.9770)
contains.

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Color

**XYZ(24.6914, 25.4465,
38.7322)**

Conversions

Conversions Part 1

Format	Color
Hex	808AA4
RGB	128, 138, 164
RGB Percent	50%, 54%, 64%
CMY	0.4980, 0.4588, 0.3569
CMYK	0.22, 0.16, 0.00, 0.36
HSL	223°, 17%, 57%
HSV	223°, 22%, 64%
XYZ	24.6914, 25.4465, 38.7322
YIQ	137.9740, -14.3060, 5.9660

Conversions

Conversions Part 2

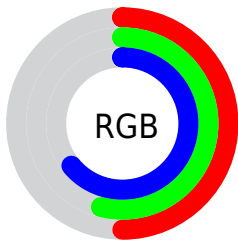
Format	Color
R_{YB}	128, 136, 164
Decimal	8424100
CIE _{Lab}	57.51, 2.19, -14.97
CIE _{LCh}	58, 15.132, 278.326
Yxy	25.4465, 0.2778, 0.2863
Android (android.graphics.Color)	4286614180 (0xFF808AA4)
YUV	137.9740, 12.8308, -8.7472
Hunter-Lab	50.4445, -0.9064, -10.2127

Details

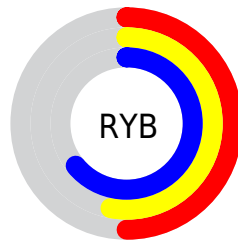
The XYZ color **24.6914, 25.4465, 38.7322** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **30.7619, 32.5622, 25.0865**, and the grayscale version is **24.1047, 25.3600, 27.6171**.

A 20% lighter version of the original color is **50.4730, 52.1998, 74.4332**, and **9.5562, 9.7690, 16.7112** is the 20% darker color. If you saturate the color by 10%, you get **20.8137, 21.0615, 38.0906**, and if you desaturate by 10%, it is **29.1548, 30.4098, 39.4554**.

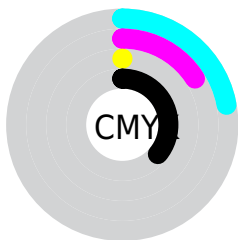
Distribution



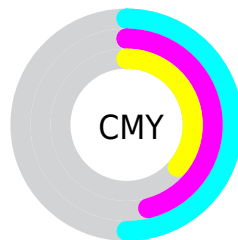
- Red (50%)
- Green (54%)
- Blue (64%)



- Red (50%)
- Yellow (53%)
- Blue (64%)



- Cyan (22%)
- Magenta (16%)
- Yellow (0%)
- Black (36%)



- Cyan (50%)
- Magenta (46%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.6914, 25.4465, 38.7322 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 24.6914, 25.4465, 38.7322 by changing the saturation by 10% instead.

■ 24.6914, 25.4465,
38.7322

■ 24.6914, 25.4465,
38.7322

268.6737,
280.0543, 356.1425

■ 15.9748, 16.4100,
26.2452

■ 50.6026, 52.3807,
74.4449

■ 9.5971, 9.8148,
16.7798

■ 68.5280, 71.0471,
98.5076

■ 5.1928, 5.2763,
9.9173

■ 90.2536, 93.6924,
127.2661

■ 2.3968, 2.4103,
5.2393

116.1449,
120.7008, 161.1388

■ 0.8435, 0.8312,
2.3271

146.5672,
152.4568, 200.5442

■ 0.0000, 0.0000,
0.7464

181.8859,

■ 0.0000, 0.0000,

189.3448, 245.9009

0.0000

222.4662,
231.7492, 297.6275

■ 24.6914, 25.4465,
38.7322

■ 24.6914, 25.4465,
38.7322

■ 20.8137, 21.0615,
38.0906

■ 29.1548, 30.4098,
39.4554

■ 17.4942, 17.2300,
37.5260

■ 34.2249, 35.9687,
40.2611

■ 14.7067, 13.9298,
37.0359

■ 39.9247, 42.1438,
41.1526

■ 12.4221, 11.1362,
36.6171

■ 46.2753, 48.9535,
42.1323

■ 10.6081, 8.8221,
36.2661

■ 53.2966, 56.4158,
43.2026

■ 9.2284, 6.9576,
35.9789

■ 61.0079, 64.5475,
44.3658

■ 8.2406, 5.5090,
35.7513

■ 69.4275, 73.3652,
45.6240

■ 7.6609, 4.6004,
35.6065

■ 77.0101, 82.0787,
46.9062

■ 80.4716, 89.0018,
48.0601

Harmonies

Analogous

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



22.9288, 25.4465, 37.9906



24.6914, 25.4465, 38.7322



26.3993, 25.4465, 36.2443

Triad

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



24.6914, 25.4465, 38.7322



27.0077, 25.4465, 21.9970



21.1067, 25.4465, 24.2009

Complementary

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



24.6914, 25.4465, 38.7322



30.7619, 32.5622, 25.0865

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.



22.1002, 25.4465, 20.6279



24.6914, 25.4465, 38.7322



25.4886, 25.4465, 19.4698

Square

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



24.6914, 25.4465, 38.7322



27.7794, 25.4465, 26.2945



23.6878, 25.4465, 19.0017



20.9169, 25.4465, 29.1690

Rectangle

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



24.6914, 25.4465, 38.7322



27.2567, 25.4465, 33.2515



23.6878, 25.4465, 19.0017



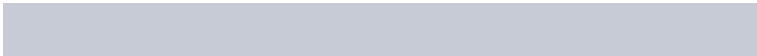
21.3553, 25.4465, 22.8158

Sweetspot

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



24.6922, 25.4475, 38.7328



57.2149, 59.9232, 72.3031



27.9941, 33.4670, 35.4694



12.3989, 12.9804, 15.7895



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



24.6922, 25.4475, 38.7328



41.4961, 42.4505, 69.7590



24.5415, 23.3368, 38.3333



6.8532, 7.1654, 8.9249



5.9096, 3.5986, 27.3129



0.1618, 0.1508, 0.5864

Inverse Universe

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



27.6171, 25.1665, 27.4480



47.7417, 42.0089, 45.6266



30.9212, 35.1978, 25.5868



7.1509, 7.1168, 7.7810



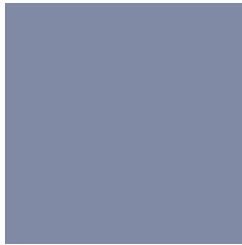
12.1283, 6.2074, 2.6006



0.2738, 0.1380, 0.1546

Previews

White Background



This preview shows how the XYZ color 24.6914, 25.4465, 38.7322 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 24.6914, 25.4465, 38.7322 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

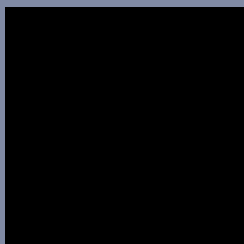
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

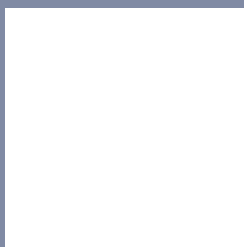
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.6914, 25.4465, 38.7322

Background



This preview shows how black text looks on a background with the XYZ color 24.6914, 25.4465, 38.7322.



This preview shows how white text looks on a background with the XYZ color 24.6914, 25.4465,

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

24.6914, 25.4465, 38.7322

Protanopia

25.2294, 25.5222, 38.2469

Deuteranopia

25.9367, 25.4478, 39.1422



Tritanopia

23.5682, 25.4262, 32.9437

Trichromacy



Original Color

24.6914, 25.4465, 38.7322

Protanomaly

24.9166, 25.3610, 38.2322

Deuteranomaly

25.4272, 25.3933, 39.1585

Tritanomaly

23.9858, 25.3776, 35.0867

Monochromacy



Original Color

24.6914, 25.4465, 38.7322

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

24.1865, 25.3519, 31.2224

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.6914, 25.4465, 38.7322 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(128, 138, 164)` looks like.

```
.text, #text, p{  
    color:rgb(128, 138, 164)  
}
```

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(128, 138, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 138, 164) }
```

Border

The CSS property to change the border of an element to XYZ 24.6914, 25.4465, 38.7322 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(128, 138, 164) }
```


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

```
.border{ border-color:rgb(128, 138, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 138, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 138, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 138, 164);  
box-shadow:4px 4px 4px 4px rgb(128, 138,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 24.6914, 25.4465, 38.7322 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 138, 164) }
```

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

```
.background{ background-color: rgb(128,  
138, 164) }
```

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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