

Converting Colors

XYZ(23.4014, 24.8623, 35.0180)

Have a look what the booklet for
XYZ(23.4014, 24.8623, 35.0180)
contains.

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Color

**XYZ(23.4014, 24.8623,
35.0180)**

Conversions

Conversions Part 1

Format	Color
Hex	7C8A9C
RGB	124, 138, 156
RGB Percent	49%, 54%, 61%
CMY	0.5137, 0.4588, 0.3882
CMYK	0.21, 0.12, 0.00, 0.39
HSL	214°, 14%, 55%
HSV	214°, 21%, 61%
XYZ	23.4014, 24.8623, 35.0180
YIQ	135.8660, -14.1220, 2.6300

Conversions

Conversions Part 2

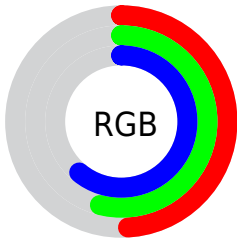
Format	Color
RYB	124, 134, 156
Decimal	8161948
CIELab	56.94, -1.02, -11.27
CIELCh	57, 11.313, 264.822
Yxy	24.8623, 0.2810, 0.2985
Android (android.graphics.Color)	4286352028 (0xFF7C8A9C)
YUV	135.8660, 9.9261, -10.4065
Hunter-Lab	49.8621, -3.4847, -6.7357

Details

The XYZ color **23.4014, 24.8623, 35.0180** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.0217, 27.8693, 23.0245**, and the grayscale version is **23.3200, 24.5345, 26.7180**.

A 20% lighter version of the original color is **48.3951, 51.2619, 68.3166**, and **8.9412, 9.4952, 14.7261** is the 20% darker color. If you saturate the color by 10%, you get **20.1145, 21.3745, 34.5184**, and if you desaturate by 10%, it is **27.1482, 28.7395, 35.5693**.

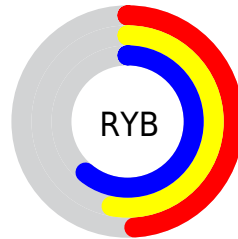
Distribution



Red (49%)

Green (54%)

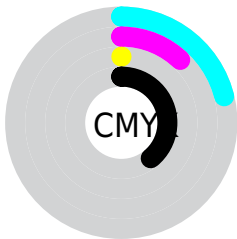
Blue (61%)



Red (49%)

Yellow (53%)

Blue (61%)

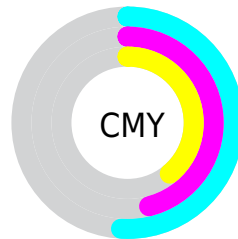


Cyan (21%)

Magenta (12%)

Yellow (0%)

Black (39%)



Cyan (51%)

Magenta (46%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.4014, 24.8623, 35.0180 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 23.4014, 24.8623, 35.0180 by changing the saturation by 10% instead.

■ 23.4014, 24.8623,
35.0180

■ 23.4014, 24.8623,
35.0180

262.2770,
277.1515, 339.5544

■ 15.0125, 15.9745,
23.3931

■ 48.5134, 51.4337,
68.6655

■ 8.9145, 9.5061,
14.6760

■ 65.9672, 69.8862,
91.5252

■ 4.7421, 5.0727,
8.4482

■ 87.1734, 92.2956,
118.9669

■ 2.1300, 2.2900,
4.2912

112.4973,
119.0464, 151.4092

■ 0.7054, 0.7684,
1.7864

142.3042,
150.5230, 189.2705

■ 0.0000, 0.0000,
0.4190

176.9596,

■ 0.0000, 0.0000,

187.1098, 232.9695

0.0000

216.8287,
229.1912, 282.9246

■ 23.4014, 24.8623,
35.0180

■ 23.4014, 24.8623,
35.0180

■ 20.1145, 21.3745,
34.5184

■ 27.1482, 28.7395,
35.5693

■ 17.2662, 18.2596,
34.0673

■ 31.3706, 33.0156,
36.1721

■ 14.8366, 15.5043,
33.6635

■ 36.0862, 37.7038,
36.8285

■ 12.8034, 13.0933,
33.3053

■ 41.3112, 42.8155,
37.5398

■ 11.1420, 11.0099,
32.9908

■ 47.0609, 48.3618,
38.3073

■ 9.8247, 9.2357,
32.7177

■ 53.3499, 54.3533,
39.1323

■ 8.8193, 7.7497,
32.4839

■ 60.1922, 60.8001,
40.0160

■ 8.0835, 6.5657,
32.2942

■ 67.6016, 67.7121,
40.9596

■ 72.0465, 73.2717,
41.7985

Harmonies

Analogous

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



22.1915, 24.8623, 33.4921



23.4014, 24.8623, 35.0180



24.7180, 24.8623, 34.2577

Triad

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



23.4014, 24.8623, 35.0180



26.0226, 24.8623, 24.1182



21.6065, 24.8623, 23.0763

Complementary

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



23.4014, 24.8623, 35.0180



27.0217, 27.8693, 23.0245

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.



22.5761, 24.8623, 20.9667



23.4014, 24.8623, 35.0180



25.1312, 24.8623, 21.5277

Square

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



23.4014, 24.8623, 35.0180



26.2635, 24.8623, 27.7355



23.8618, 24.8623, 20.4273



21.1803, 24.8623, 26.4168

Rectangle

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



23.4014, 24.8623, 35.0180



25.4750, 24.8623, 32.5904



23.8618, 24.8623, 20.4273



21.8779, 24.8623, 22.2125

Sweetspot

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



23.4022, 24.8633, 35.0186



52.5691, 55.5198, 65.0724



25.0537, 30.0035, 29.9053



11.4692, 12.1171, 14.3047



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



23.4022, 24.8633, 35.0186



39.4272, 41.9145, 63.1390



21.7543, 21.2215, 34.4025



6.5116, 6.8889, 8.3932



6.6917, 5.4749, 26.6113



0.1610, 0.1807, 0.4896

Inverse Universe

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



25.5060, 23.3188, 27.2025



44.0619, 38.7274, 45.8725



28.9297, 32.1420, 23.7487



6.7476, 6.6919, 7.5218



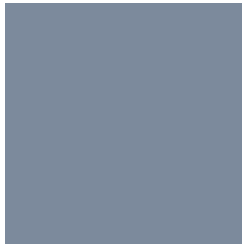
12.1759, 6.1749, 5.1771



0.2386, 0.1188, 0.2026

Previews

White Background



This preview shows how the XYZ color 23.4014, 24.8623, 35.0180 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 23.4014, 24.8623, 35.0180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

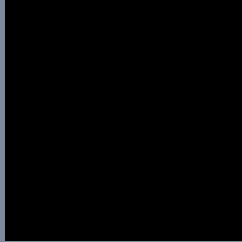
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

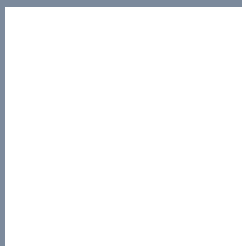
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.4014, 24.8623, 35.0180

Background



This preview shows how black text looks on a background with the XYZ color 23.4014, 24.8623, 35.0180.



This preview shows how white text looks on a background with the XYZ color 23.4014, 24.8623,

35.0180.

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

23.4014, 24.8623, 35.0180

Protanopia

24.3282, 24.7294, 34.0629

Deuteranopia

25.2885, 24.7848, 35.3494



Tritanopia

22.9060, 24.8782, 32.4489

Trichromacy



Original Color

23.4014, 24.8623, 35.0180

Protanomaly

23.9265, 24.7207, 34.5209

Deuteranomaly

24.5813, 24.8306, 35.3955

Tritanomaly

23.0685, 24.9432, 33.3044

Monochromacy



Original Color

23.4014, 24.8623, 35.0180

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

23.4193, 24.7800, 29.5353

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.4014, 24.8623, 35.0180 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, 138, 156)` looks like.

```
.text, #text, p{  
    color:rgb(124, 138, 156)  
}
```

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, 138, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 138, 156) }
```

Border

The CSS property to change the border of an element to XYZ 23.4014, 24.8623, 35.0180 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, 138, 156) }
```


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

```
.border{ border-color:rgb(124, 138, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 138, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 138, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 138, 156);  
box-shadow:4px 4px 4px 4px rgb(124, 138,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 23.4014, 24.8623, 35.0180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 138, 156) }
```

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

```
.background{ background-color: rgb(124,  
138, 156) }
```

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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