

Converting Colors

XYZ(23.6193, 24.0277, 39.0830)

Have a look what the booklet for
XYZ(23.6193, 24.0277, 39.0830)
contains.

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Color

**XYZ(23.6288, 24.0519,
38.9944)**

Conversions

Conversions Part 1

Format	Color
Hex	7C86A5
RGB	124, 134, 165
RGB Percent	49%, 53%, 65%
CMY	0.5137, 0.4745, 0.3529
CMYK	0.25, 0.19, 0.00, 0.35
HSL	225°, 19%, 57%
HSV	225°, 25%, 65%
XYZ	23.6288, 24.0519, 38.9944
YIQ	134.5440, -15.9110, 7.5210

Conversions

Conversions Part 2

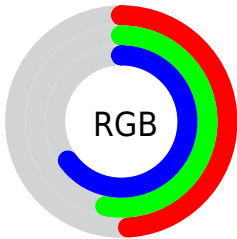
Format	Color
R_{YB}	124, 132, 165
Decimal	8160933
CIE Lab	56.14, 3.44, -17.65
CIE LCh	56, 17.983, 281.043
Yxy	24.0519, 0.2726, 0.2775
Android (android.graphics.Color)	4286351013 (0xFF7C86A5)
YUV	134.5440, 15.0148, -9.2471
Hunter-Lab	49.0427, 0.1765, -12.8122

Details

The XYZ color **23.6288, 24.0519, 38.9944** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **30.8767, 32.8973, 23.7919**, and the grayscale version is **22.8115, 23.9995, 26.1354**.

A 20% lighter version of the original color is **48.8201, 50.0551, 74.7986**, and **9.0532, 9.1451, 16.9108** is the 20% darker color. If you saturate the color by 10%, you get **19.8172, 19.6770, 38.3513**, and if you desaturate by 10%, it is **28.0444, 29.0413, 39.7251**.

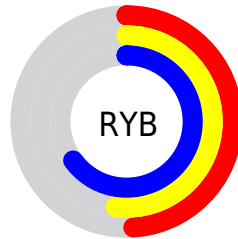
Distribution



Red (49%)

Green (53%)

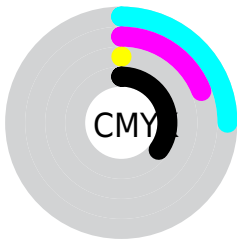
Blue (65%)



Red (49%)

Yellow (52%)

Blue (65%)

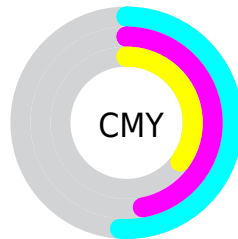


Cyan (25%)

Magenta (19%)

Yellow (0%)

Black (35%)



Cyan (51%)

Magenta (47%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.6288, 24.0519, 38.9944 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 23.6288, 24.0519, 38.9944 by changing the saturation by 10% instead.

■ 23.6288, 24.0519,
38.9944

■ 23.6288, 24.0519,
38.9944

263.4138,
273.0828, 357.2919

■ 15.1817, 15.3721,
26.4476

■ 48.8829, 50.1149,
74.8500

■ 9.0342, 9.0810,
16.9300

■ 66.4206, 68.2669,
98.9959

■ 4.8208, 4.7940,
10.0232

■ 87.7192, 90.3451,
127.8452

■ 2.1762, 2.1269,
5.3085

113.1442,
116.7338, 161.8164

■ 0.7301, 0.6797,
2.3675

143.0607,
147.8176, 201.3282

■ 0.0000, 0.0000,
0.7687

177.8343,

■ 0.0000, 0.0000,

183.9808, 246.7990

0.0000

217.8302,
225.6077, 298.6474

■ 23.6288, 24.0519,
38.9944

■ 23.6288, 24.0519,
38.9944

■ 19.8172, 19.6770,
38.3513

■ 28.0444, 29.0413,
39.7251

■ 16.5804, 15.8894,
37.7908

■ 33.0867, 34.6651,
40.5449

■ 13.8902, 12.6640,
37.3100

■ 38.7804, 40.9462,
41.4571

■ 11.7149, 9.9728,
36.9052

■ 45.1478, 47.9050,
42.4647

■ 10.0195, 7.7851,
36.5723

■ 52.2104, 55.5614,
43.5703

■ 8.7643, 6.0669,
36.3068

■ 59.9884, 63.9343,
44.7765

■ 7.9017, 4.7788,
36.1036

■ 68.5015, 73.0418,
46.0858

■ 7.5588, 4.2511,
36.0198

■ 77.3987, 82.7109,
47.4831

■ 81.0724, 90.0583,
48.7077

Harmonies

Analogous

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



21.5962, 24.0519, 38.4677



23.6288, 24.0519, 38.9944



25.5652, 24.0519, 35.7240

Triad

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



23.6288, 24.0519, 38.9944



25.9845, 24.0519, 19.4153



19.3108, 24.0519, 22.6689

Complementary

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



23.6288, 24.0519, 38.9944



30.8767, 32.8973, 23.7919

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.



20.3538, 24.0519, 18.5213



23.6288, 24.0519, 38.9944



24.1735, 24.0519, 16.8473

Square

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



23.6288, 24.0519, 38.9944



26.9787, 24.0519, 24.0723



22.1093, 24.0519, 16.5467



19.1845, 24.0519, 28.4251

Rectangle

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



23.6288, 24.0519, 38.9944



26.5097, 24.0519, 32.0820



22.1093, 24.0519, 16.5467



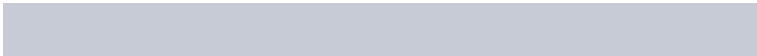
19.5628, 24.0519, 21.0648

Sweetspot

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



23.6296, 24.0529, 38.9949



57.0948, 59.6830, 72.2631



27.6632, 33.5540, 35.9194



12.3708, 12.9241, 15.7801



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.



23.6296, 24.0529, 38.9949



38.2962, 38.4763, 69.1606



23.8712, 22.2215, 38.6287



6.8343, 7.1276, 8.9186



5.7524, 3.2842, 27.2605



0.1552, 0.1377, 0.5843

Inverse Universe

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



27.0284, 24.1365, 25.7896



45.5344, 38.8589, 40.9921



30.5633, 35.3098, 24.2740



7.1413, 7.1130, 7.7307



12.0490, 6.1757, 2.1828



0.2705, 0.1367, 0.1372

Previews

White Background



This preview shows how the XYZ color 23.6288, 24.0519, 38.9944 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 23.6288, 24.0519, 38.9944 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

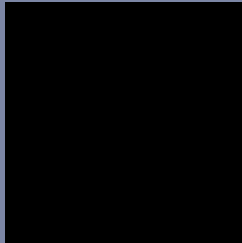
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 23.6288, 24.0519, 38.9944

Background



This preview shows how black text looks on a background with the XYZ color 23.6288, 24.0519, 38.9944.

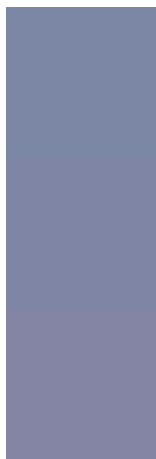


This preview shows how white text looks on a background with the XYZ color 23.6288, 24.0519,

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

23.6288, 24.0519, 38.9944

Protanopia

23.8408, 23.9674, 38.4916

Deuteranopia

24.5585, 24.1247, 38.9595



Tritanopia

22.1761, 24.0944, 31.4988

Trichromacy



Original Color

23.6288, 24.0519, 38.9944

Protanomaly

23.6926, 23.8910, 38.4847

Deuteranomaly

24.2323, 24.1588, 38.9832

Tritanomaly

22.6629, 24.0790, 34.0251

Monochromacy



Original Color

23.6288, 24.0519, 38.9944

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

23.2124, 24.2286, 30.6473

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.6288, 24.0519, 38.9944 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, 165)` looks like.

```
.text, #text, p{  
    color:rgb(124, 134, 165)  
}
```

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, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 134, 165) }
```

Border

The CSS property to change the border of an element to XYZ 23.6288, 24.0519, 38.9944 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, 165) }
```


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

```
.border{ border-color:rgb(124, 134, 165) }
```

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, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 134, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 134, 165);  
box-shadow:4px 4px 4px 4px rgb(124, 134,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 23.6288, 24.0519, 38.9944 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, 165) }
```

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

```
.background{ background-color: rgb(124,  
134, 165) }
```

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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