

Converting Colors

XYZ(23.3436, 24.6107, 35.4183)

Have a look what the booklet for
XYZ(23.3436, 24.6107, 35.4183)
contains.

XYZ(23.3436, 24.6107, 35.4183)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(23.3436, 24.6107,
35.4183)**

Conversions

Conversions Part 1

Format	Color
Hex	7C899D
RGB	124, 137, 157
RGB Percent	49%, 54%, 62%
CMY	0.5137, 0.4627, 0.3843
CMYK	0.21, 0.13, 0.00, 0.38
HSL	216°, 14%, 55%
HSV	216°, 21%, 62%
XYZ	23.3436, 24.6107, 35.4183
YIQ	135.3930, -14.1680, 3.4640

Conversions

Conversions Part 2

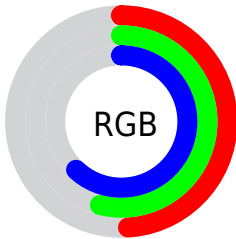
Format	Color
R_{YB}	124, 133, 157
Decimal	8161693
CIE _{Lab}	56.69, -0.22, -12.21
CIE _{LCh}	57, 12.215, 268.991
Yxy	24.6107, 0.2800, 0.2952
Android (android.graphics.Color)	4286351773 (0xFF7C899D)
YUV	135.3930, 10.6523, -9.9917
Hunter-Lab	49.6092, -2.8229, -7.6035

Details

The XYZ color **23.3436, 24.6107, 35.4183** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.5162, 28.5698, 23.1335**, and the grayscale version is **23.1411, 24.3462, 26.5130**.

A 20% lighter version of the original color is **48.4286, 50.9275, 69.5649**, and **8.9114, 9.3529, 14.9713** is the 20% darker color. If you saturate the color by 10%, you get **19.9596, 20.9467, 34.8898**, and if you desaturate by 10%, it is **27.2097, 28.7015, 36.0045**.

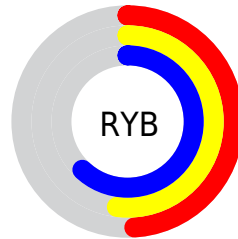
Distribution



Red (49%)

Green (54%)

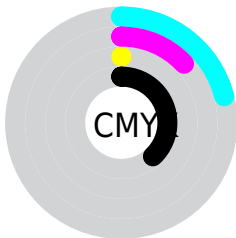
Blue (62%)



Red (49%)

Yellow (52%)

Blue (62%)

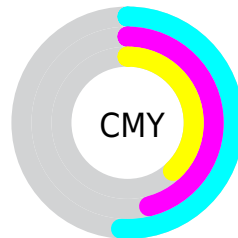


Cyan (21%)

Magenta (13%)

Yellow (0%)

Black (38%)



Cyan (51%)

Magenta (46%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.3436, 24.6107, 35.4183 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 23.3436, 24.6107, 35.4183 by changing the saturation by 10% instead.

■ 23.3436, 24.6107,
35.4183

■ 23.3436, 24.6107,
35.4183

261.9874,
275.8936, 341.3710

■ 14.9695, 15.7873,
23.6991

■ 48.4194, 51.0250,
69.2922

■ 8.8842, 9.3737,
14.9005

■ 65.8519, 69.3846,
92.2840

■ 4.7222, 4.9857,
8.6037

■ 87.0345, 91.6917,
119.8704

■ 2.1183, 2.2389,
4.3904

112.3326,
118.3307, 152.4700

■ 0.6991, 0.7411,
1.8418

142.1116,
149.6860, 190.5014

■ 0.0000, 0.0000,
0.4553

176.7368,

■ 0.0000, 0.0000,

186.1420, 234.3830

0.0000

216.5737,
228.0831, 284.5333

■ 23.3436, 24.6107,
35.4183

■ 23.3436, 24.6107,
35.4183

■ 19.9596, 20.9467,
34.8898

■ 27.2097, 28.7015,
36.0045

■ 17.0352, 17.6915,
34.4157

■ 31.5745, 33.2303,
36.6486

■ 14.5497, 14.8304,
33.9944

■ 36.4565, 38.2114,
37.3528

■ 12.4794, 12.3462,
33.6240

■ 41.8727, 43.6577,
38.1186

■ 10.7986, 10.2204,
33.3023

■ 47.8392, 49.5814,
38.9475

■ 9.4781, 8.4325,
33.0268

■ 54.3715, 55.9943,
39.8410

■ 8.4840, 6.9593,
32.7948

■ 61.4842, 62.9078,
40.8006

■ 7.8007, 5.8641,
32.6194

■ 69.1918, 70.3329,
41.8275

■ 73.6155, 76.2736,
42.7410

Harmonies

Analogous

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



22.0105, 24.6107, 34.0883



23.3436, 24.6107, 35.4183



24.7428, 24.6107, 34.2505

Triad

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



23.3436, 24.6107, 35.4183



25.8671, 24.6107, 23.1762



21.1245, 24.6107, 22.9600

Complementary

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



23.3436, 24.6107, 35.4183



27.5162, 28.5698, 23.1335

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.



22.0907, 24.6107, 20.5116



23.3436, 24.6107, 35.4183



24.8295, 24.6107, 20.6272

Square

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



23.3436, 24.6107, 35.4183



26.2349, 24.6107, 26.9350



23.4399, 24.6107, 19.7020



20.7618, 24.6107, 26.6592

Rectangle

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



23.3436, 24.6107, 35.4183



25.5174, 24.6107, 32.2735



23.4399, 24.6107, 19.7020



21.3876, 24.6107, 21.9778

Sweetspot

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



23.3444, 24.6117, 35.4189



52.4482, 55.2779, 65.0321



25.3884, 30.4070, 30.8370



11.4402, 12.0590, 14.2950



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.



23.3444, 24.6117, 35.4189



38.9975, 41.0550, 62.9958



22.0911, 21.3852, 34.8621



6.4884, 6.8426, 8.3855



6.3697, 4.8309, 26.5040



0.1538, 0.1662, 0.4872

Inverse Universe

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



25.6282, 23.3901, 26.8320



43.8450, 38.6406, 44.7301



28.9649, 32.4102, 23.7985



6.7359, 6.6873, 7.4602



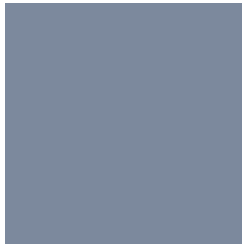
12.0133, 6.1099, 4.3212



0.2349, 0.1173, 0.1834

Previews

White Background



This preview shows how the XYZ color 23.3436, 24.6107, 35.4183 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 23.3436, 24.6107, 35.4183 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

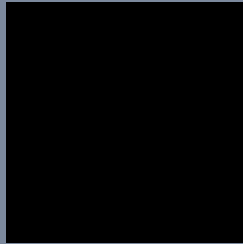
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 23.3436, 24.6107, 35.4183

Background



This preview shows how black text looks on a background with the XYZ color 23.3436, 24.6107, 35.4183.



This preview shows how white text looks on a background with the XYZ color 23.3436, 24.6107,

35.4183.

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

23.3436, 24.6107, 35.4183

Protanopia

24.1804, 24.6338, 34.9328

Deuteranopia

25.0403, 24.6470, 35.7853



Tritanopia

22.6817, 24.5578, 31.9785

Trichromacy



Original Color

23.3436, 24.6107, 35.4183

Protanomaly

23.8582, 24.6757, 34.9579

Deuteranomaly

24.3695, 24.5054, 35.7933

Tritanomaly

22.9244, 24.6549, 33.2564

Monochromacy



Original Color

23.3436, 24.6107, 35.4183

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

23.1222, 24.4168, 29.4808

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.3436, 24.6107, 35.4183 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, 137, 157)` looks like.

```
.text, #text, p{  
    color:rgb(124, 137, 157)  
}
```

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, 137, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 137, 157) }
```

Border

The CSS property to change the border of an element to XYZ 23.3436, 24.6107, 35.4183 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, 137, 157) }
```


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

```
.border{ border-color:rgb(124, 137, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 137, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 137, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 137, 157);  
box-shadow:4px 4px 4px 4px rgb(124, 137,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 23.3436, 24.6107, 35.4183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 137, 157) }
```

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

```
.background{ background-color: rgb(124,  
137, 157) }
```

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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