

Converting Colors

XYZ(23.9014, 24.9371, 33.6906)

Have a look what the booklet for
XYZ(23.9014, 24.9371, 33.6906)
contains.

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Color

**XYZ(23.9014, 24.9371,
33.6906)**

Conversions

Conversions Part 1

Format	Color
Hex	828999
RGB	130, 137, 153
RGB Percent	51%, 54%, 60%
CMY	0.4902, 0.4627, 0.4000
CMYK	0.15, 0.10, 0.00, 0.40
HSL	222°, 10%, 55%
HSV	222°, 15%, 60%
XYZ	23.9014, 24.9371, 33.6906
YIQ	136.7310, -9.3080, 3.4920

Conversions

Conversions Part 2

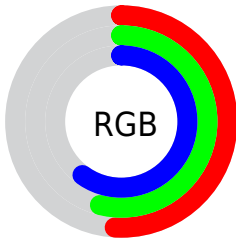
Format	Color
R_{YB}	130, 135, 153
Decimal	8554905
CIE Lab	57.01, 0.88, -9.39
CIE LCh	57, 9.428, 275.357
Yxy	24.9371, 0.2896, 0.3022
Android (android.graphics.Color)	4286744985 (0xFF828999)
YUV	136.7310, 8.0206, -5.9031
Hunter-Lab	49.9371, -1.9543, -5.0447

Details

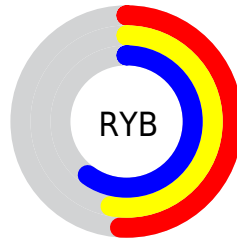
The XYZ color **23.9014, 24.9371, 33.6906** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.4452, 28.9417, 25.2595**, and the grayscale version is **23.6502, 24.8819, 27.0964**.

A 20% lighter version of the original color is **49.2044, 51.3992, 66.3592**, and **9.1147, 9.4812, 13.9200** is the 20% darker color. If you saturate the color by 10%, you get **20.2880, 20.9387, 33.1097**, and if you desaturate by 10%, it is **28.0146, 29.4159, 34.3387**.

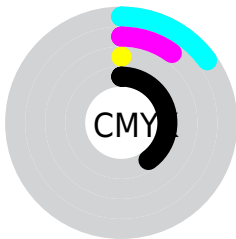
Distribution



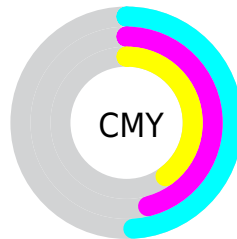
- Red (51%)
- Green (54%)
- Blue (60%)



- Red (51%)
- Yellow (53%)
- Blue (60%)



- Cyan (15%)
- Magenta (10%)
- Yellow (0%)
- Black (40%)



- Cyan (49%)
- Magenta (46%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.9014, 24.9371, 33.6906 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 23.9014, 24.9371, 33.6906 by changing the saturation by 10% instead.

■ 23.9014, 24.9371,
33.6906

■ 23.9014, 24.9371,
33.6906

264.7713,
277.5246, 333.4772

■ 15.3848, 16.0302,
22.3806

■ 49.3251, 51.5552,
66.5806

■ 9.1780, 9.5455,
13.9358

■ 66.9629, 70.0351,
88.9977

■ 4.9155, 5.0987,
7.9378

■ 88.3719, 92.4749,
115.9542

■ 2.2320, 2.3053,
3.9680

113.9174,
119.2588, 147.8687

■ 0.7595, 0.7765,
1.6078

143.9647,
150.7714, 185.1597

■ 0.0000, 0.0000,
0.2964

178.8793,

■ 0.0000, 0.0000,

187.3969, 228.2458

0.0000

219.0263,
229.5198, 277.5454

■ 23.9014, 24.9371,
33.6906

■ 23.9014, 24.9371,
33.6906

■ 20.2880, 20.9387,
33.1097

■ 28.0146, 29.4159,
34.3387

■ 17.1524, 17.4012,
32.5921

■ 32.6437, 34.3878,
35.0544

■ 14.4744, 14.3081,
32.1362

■ 37.8072, 39.8687,
35.8402

■ 12.2314, 11.6406,
31.7396

■ 43.5217, 45.8728,
36.6979

■ 10.3987, 9.3788,
31.3996

■ 49.8032, 52.4139,
37.6294

■ 8.9490, 7.5005,
31.1135

■ 56.6670, 59.5052,
38.6364

■ 7.8512, 5.9815,
30.8781

■ 64.1278, 67.1594,
39.7206

■ 7.0669, 4.7929,
30.6900

■ 72.1997, 75.3888,
40.8836

■ 6.7495, 4.2993,
30.6115

■ 76.0678, 81.7159,
41.9009

Harmonies

Analogous

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



22.8248, 24.9371, 33.0835



23.9014, 24.9371, 33.6906



24.9561, 24.9371, 32.4379

Triad

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



23.9014, 24.9371, 33.6906



25.4821, 24.9371, 23.7727



21.8180, 24.9371, 24.6871

Complementary

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



23.9014, 24.9371, 33.6906



27.4452, 28.9417, 25.2595

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.



22.4905, 24.9371, 22.4744



23.9014, 24.9371, 33.6906



24.6013, 24.9371, 21.9760

Square

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



23.9014, 24.9371, 33.6906



25.8868, 24.9371, 26.5867



23.5036, 24.9371, 21.5198



21.6437, 24.9371, 27.7258

Rectangle

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



23.9014, 24.9371, 33.6906



25.4981, 24.9371, 30.7701



23.5036, 24.9371, 21.5198



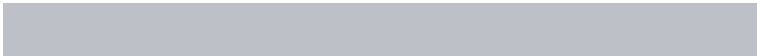
21.9923, 24.9371, 23.8298

Sweetspot

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



23.9021, 24.9381, 33.6912



50.1181, 52.6235, 61.4878



25.7639, 29.5953, 31.4338



10.9562, 11.5004, 13.5598



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



23.9021, 24.9381, 33.6912



40.5570, 42.1867, 59.9772



23.5990, 23.3519, 33.4010



6.0302, 6.3178, 7.8306



5.6049, 3.6065, 25.3084



0.1132, 0.1127, 0.3882

Inverse Universe

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



25.6355, 24.5443, 27.0545



44.2809, 41.4135, 45.7026



27.7759, 30.7638, 25.5938



6.2824, 6.2521, 6.8670



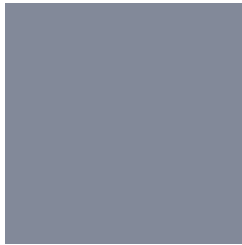
11.2879, 5.7694, 2.7750



0.1836, 0.0922, 0.1196

Previews

White Background



This preview shows how the XYZ color 23.9014, 24.9371, 33.6906 looks on a white background.

Color Contrast Check

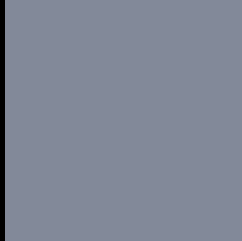
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.9014, 24.9371, 33.6906 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

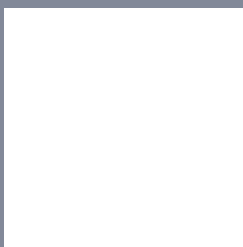
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.9014, 24.9371, 33.6906

Background



This preview shows how black text looks on a background with the XYZ color 23.9014, 24.9371, 33.6906.



This preview shows how white text looks on a background with the XYZ color 23.9014, 24.9371,

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

23.9014, 24.9371, 33.6906

Protanopia

24.4633, 25.0262, 33.2469

Deuteranopia

25.3756, 24.8589, 34.0327



Tritanopia

23.5666, 25.0140, 32.0199

Trichromacy



Original Color

23.9014, 24.9371, 33.6906

Protanomaly

24.1445, 24.8619, 33.2320

Deuteranomaly

24.8391, 24.7866, 34.0470

Tritanomaly

23.6468, 25.0461, 32.4422

Monochromacy



Original Color

23.9014, 24.9371, 33.6906

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

23.7351, 24.9428, 29.5501

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.9014, 24.9371, 33.6906 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(130, 137, 153)` looks like.

```
.text, #text, p{  
    color:rgb(130, 137, 153)  
}
```

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(130, 137, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 137, 153) }
```

Border

The CSS property to change the border of an element to XYZ 23.9014, 24.9371, 33.6906 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(130, 137, 153) }
```


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

```
.border{ border-color:rgb(130, 137, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 137, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 137, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 137, 153);  
box-shadow:4px 4px 4px 4px rgb(130, 137,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 23.9014, 24.9371, 33.6906 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 137, 153) }
```

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

```
.background{ background-color: rgb(130,  
137, 153) }
```

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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