

Converting Colors

XYZ(23.9560, 23.8788, 30.5406)

Have a look what the booklet for
XYZ(23.9560, 23.8788, 30.5406)
contains.

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Color

**XYZ(23.9521, 23.7969,
30.5250)**

Conversions

Conversions Part 1

Format	Color
Hex	8B8392
RGB	139, 131, 146
RGB Percent	55%, 51%, 57%
CMY	0.4549, 0.4863, 0.4274
CMYK	0.05, 0.10, 0.00, 0.43
HSL	272°, 6%, 54%
HSV	272°, 10%, 57%
XYZ	23.9521, 23.7969, 30.5250
YIQ	135.1020, -0.0470, 6.3610

Conversions

Conversions Part 2

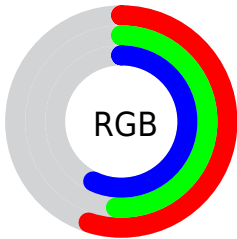
Format	Color
RYB	139, 131, 146
Decimal	9143186
CIELab	55.88, 5.97, -6.96
CIELCh	56, 9.172, 310.649
Yxy	23.7969, 0.3060, 0.3040
Android (android.graphics.Color)	4287333266 (0xFF8B8392)
YUV	135.1020, 5.3727, 3.4185
Hunter-Lab	48.7821, 2.2753, -2.9528

Details

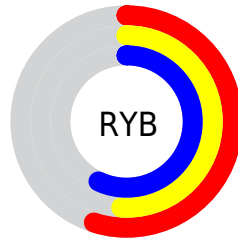
The XYZ color **23.9521, 23.7969, 30.5250** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.8577, 27.6004, 25.4912**, and the grayscale version is **23.0483, 24.2486, 26.4067**.

A 20% lighter version of the original color is **49.3040, 49.6576, 61.6298**, and **9.2484, 9.0030, 12.3166** is the 20% darker color. If you saturate the color by 10%, you get **21.0254, 19.5799, 29.8657**, and if you desaturate by 10%, it is **27.2275, 28.6051, 31.2808**.

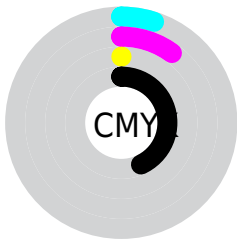
Distribution



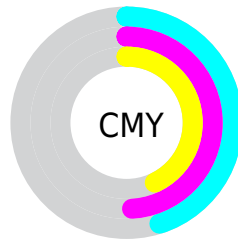
- Red (55%)
- Green (51%)
- Blue (57%)



- Red (55%)
- Yellow (51%)
- Blue (57%)



- Cyan (5%)
- Magenta (10%)
- Yellow (0%)
- Black (43%)



- Cyan (45%)
- Magenta (49%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.9521, 23.7969, 30.5250 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 23.9521, 23.7969, 30.5250 by changing the saturation by 10% instead.

■ 23.9521, 23.7969,
30.5250

■ 23.9521, 23.7969,
30.5250

265.0232,
271.7921, 318.6271

■ 15.4226, 15.1830,
19.9820

■ 49.4073, 49.6986,
61.5622

■ 9.2048, 8.9479,
12.1980

■ 67.0637, 67.7552,
82.8935

■ 4.9332, 4.7072,
6.7545

■ 88.4931, 89.7281,
108.6580

■ 2.2425, 2.0765,
3.2329

114.0609,
116.0018, 139.2743

■ 0.7650, 0.6514,
1.2148

144.1325,
146.9607, 175.1607

■ 0.0000, 0.0000,
0.0000

179.0732,

182.9891, 216.7360

219.2483,
224.4714, 264.4186

■ 23.9521, 23.7969,
30.5250

■ 23.9521, 23.7969,
30.5250

■ 21.0254, 19.5799,
29.8657

■ 27.2275, 28.6051,
31.2808

■ 18.4325, 15.9275,
29.2973

■ 30.8615, 34.0239,
32.1352

■ 16.1604, 12.8155,
28.8164

■ 34.8664, 40.0752,
33.0922

■ 14.1946, 10.2165,
28.4183

■ 39.2529, 46.7793,
34.1550

■ 12.5192, 8.1008,
28.0983

■ 44.0316, 54.1553,
35.3268

■ 11.1166, 6.4357,
27.8508

■ 49.2125, 62.2215,
36.6107

■ 9.9672, 5.1840,
27.6698

■ 54.8052, 70.9957,
38.0095

■ 9.0482, 4.3023,
27.5481

■ 60.8192, 80.4948,
39.5261

■ 8.3188, 3.6891,
27.4681

■ 64.8555, 85.9199,
40.3605

Harmonies

Analogous

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



22.9914, 23.7969, 31.9854



23.9521, 23.7969, 30.5250



24.5668, 23.7969, 27.8641

Triad

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



23.9521, 23.7969, 30.5250



23.2904, 23.7969, 20.8533



20.7011, 23.7969, 26.9884

Complementary

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



23.9521, 23.7969, 30.5250



24.8577, 27.6004, 25.4912

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.



20.7755, 23.7969, 24.0510



23.9521, 23.7969, 30.5250



22.2491, 23.7969, 20.6585

Square

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



23.9521, 23.7969, 30.5250



24.1767, 23.7969, 22.3412



21.3348, 23.7969, 21.7867



21.1282, 23.7969, 29.8417

Rectangle

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



23.9521, 23.7969, 30.5250



24.6868, 23.7969, 25.8457



21.3348, 23.7969, 21.7867



20.6686, 23.7969, 25.9760

Sweetspot

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



23.9528, 23.7979, 30.5255



46.3581, 47.9905, 54.7933



23.6737, 25.1503, 30.8013



10.2137, 10.5301, 12.1664



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



23.9528, 23.7979, 30.5255



41.1895, 40.4345, 53.6073



25.1399, 24.4121, 30.4797



5.7771, 5.7761, 7.2801



7.3464, 3.2598, 24.1730



0.1240, 0.0575, 0.2975

Inverse Universe

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



24.5586, 24.1796, 27.4186



42.4567, 41.2327, 47.1199



23.7535, 27.0292, 25.5280



5.9067, 5.8577, 6.6147



11.3647, 5.7509, 5.4014



0.1538, 0.0763, 0.1433

Previews

White Background



This preview shows how the XYZ color 23.9521, 23.7969, 30.5250 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 23.9521, 23.7969, 30.5250 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 23.9521, 23.7969, 30.5250

Background



This preview shows how black text looks on a background with the XYZ color 23.9521, 23.7969, 30.5250.



This preview shows how white text looks on a background with the XYZ color 23.9521, 23.7969,

30.5250.

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

23.9521, 23.7969, 30.5250

Protanopia

23.1697, 23.7872, 30.9740

Deuteranopia

24.1554, 23.7033, 30.4962



Tritanopia

23.6150, 23.8588, 28.9517

Trichromacy



Original Color

23.9521, 23.7969, 30.5250

Protanomaly

23.5094, 23.7600, 30.9508

Deuteranomaly

23.9862, 23.6160, 30.4883

Tritanomaly

23.6904, 23.8890, 29.3490

Monochromacy



Original Color

23.9521, 23.7969, 30.5250

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

23.3386, 24.1485, 27.8571

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.9521, 23.7969, 30.5250 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(139, 131, 146)` looks like.

```
.text, #text, p{  
    color:rgb(139, 131, 146)  
}
```

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(139, 131, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 131, 146) }
```

Border

The CSS property to change the border of an element to XYZ 23.9521, 23.7969, 30.5250 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(139, 131, 146) }
```


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

```
.border{ border-color:rgb(139, 131, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 131, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 131, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 131, 146);  
box-shadow:4px 4px 4px 4px rgb(139, 131,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 23.9521, 23.7969, 30.5250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 131, 146) }
```

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

```
.background{ background-color: rgb(139,  
131, 146) }
```

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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