

Converting Colors

XYZ(23.8464, 21.9393, 25.4592)

Have a look what the booklet for
XYZ(23.8464, 21.9393, 25.4592)
contains.

XYZ(23.9029, 21.9753, 25.5361)	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(23.9029, 21.9753,
25.5361)**

Conversions

Conversions Part 1

Format	Color
Hex	977986
RGB	151, 121, 134
RGB Percent	59%, 47%, 53%
CMY	0.4078, 0.5255, 0.4745
CMYK	0.00, 0.20, 0.11, 0.41
HSL	334°, 13%, 53%
HSV	334°, 20%, 59%
XYZ	23.9029, 21.9753, 25.5361
YIQ	131.4520, 13.7070, 10.4030

Conversions

Conversions Part 2

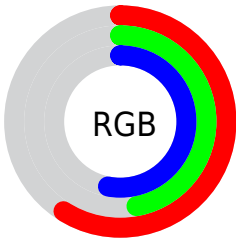
Format	Color
R_{YB}	151, 121, 134
Decimal	9927046
CIE Lab	54.00, 13.88, -2.65
CIE LCh	54, 14.125, 349.202
Yxy	21.9753, 0.3347, 0.3077
Android (android.graphics.Color)	4288117126 (0xFF977986)
YUV	131.4520, 1.2562, 17.1436
Hunter-Lab	46.8778, 8.9806, 0.5170

Details

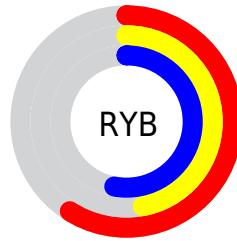
The XYZ color **23.9029, 21.9753, 25.5361** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **23.5400, 28.0336, 28.2163**, and the grayscale version is **21.7278, 22.8594, 24.8938**.

A 20% lighter version of the original color is **49.0900, 46.4541, 53.3929**, and **9.1731, 7.9841, 9.4451** is the 20% darker color. If you saturate the color by 10%, you get **21.6368, 18.3596, 21.9543**, and if you desaturate by 10%, it is **26.5059, 26.1868, 29.4690**.

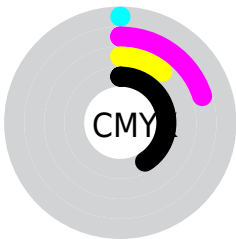
Distribution



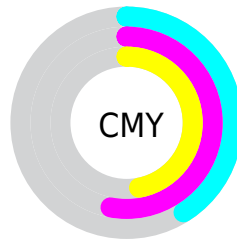
- Red (59%)
- Green (47%)
- Blue (53%)



- Red (59%)
- Yellow (47%)
- Blue (53%)



- Cyan (0%)
- Magenta (20%)
- Yellow (11%)
- Black (41%)



- Cyan (41%)
- Magenta (53%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.9029, 21.9753, 25.5361 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 23.9029, 21.9753, 25.5361 by changing the saturation by 10% instead.

■ 23.9029, 21.9753,
25.5361

■ 23.9029, 21.9753,
25.5361

264.7788,
262.4173, 294.0300

■ 15.3860, 13.8388,
16.2543

■ 49.3275, 46.7052,
53.5005

■ 9.1788, 8.0086,
9.5480

■ 66.9659, 64.0673,
73.0201

■ 4.9160, 4.1005,
4.9986

■ 88.3755, 85.2734,
96.7894

■ 2.2323, 1.7299,
2.1877

113.9216,
110.7078, 125.2269

■ 0.7597, 0.4429,
0.6673

143.9697,
140.7550, 158.7512

■ 0.0000, 0.0000,
0.0000

178.8850,

175.7994, 197.7808

219.0329,
216.2254, 242.7342

■ 23.9029, 21.9753,
25.5361

■ 23.9029, 21.9753,
25.5361

■ 21.6368, 18.3596,
21.9543

■ 26.5059, 26.1868,
29.4690

■ 19.6911, 15.3097,
18.7117

■ 29.4573, 31.0164,
33.7616

■ 18.0509, 12.7972,
15.7979

■ 32.7707, 36.4891,
38.4239

■ 16.6994, 10.7904,
13.2012

■ 36.4581, 42.6274,
43.4649

■ 15.6178, 9.2538,
10.9090

■ 40.5310, 49.4528,
48.8934

■ 14.7852, 8.1477,
8.9076

■ 45.0006, 56.9860,
54.7179

■ 14.1771, 7.4254,
7.1821

■ 49.8774, 65.2464,
60.9467

■ 13.7347, 6.9717,
5.7054

■ 55.1717, 74.2531,
67.5877

■ 13.7291, 6.9659,
5.6869

■ 60.2826, 82.8034,
74.4450

Harmonies

Analogous

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



23.1871, 21.9753, 29.8471



23.9029, 21.9753, 25.5361



23.7814, 21.9753, 21.2693

Triad

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



23.9029, 21.9753, 25.5361



19.9368, 21.9753, 16.8382



19.0282, 21.9753, 30.8673

Complementary

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



23.9029, 21.9753, 25.5361



23.5400, 28.0336, 28.2163

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.



18.2373, 21.9753, 26.7982



23.9029, 21.9753, 25.5361



18.7440, 21.9753, 18.8471

Square

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



23.9029, 21.9753, 25.5361



21.4413, 21.9753, 16.5873



18.1358, 21.9753, 22.3877



20.3421, 21.9753, 33.1648

Rectangle

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



23.9029, 21.9753, 25.5361



23.2435, 21.9753, 19.0005



18.1358, 21.9753, 22.3877



18.6951, 21.9753, 29.6398

Sweetspot

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



23.9035, 21.9763, 25.5366



49.3736, 50.0041, 55.5778



22.9053, 21.3135, 32.1849



11.1531, 11.2527, 12.5313



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.



23.9035, 21.9763, 25.5366



40.8614, 36.2381, 42.6949



23.2974, 22.1267, 21.1334



6.3144, 6.2649, 7.0355



11.6935, 5.9316, 4.9108



0.1926, 0.0958, 0.1670

Inverse Universe

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



23.9035, 21.9763, 25.5366



40.8614, 36.2381, 42.6949



24.2192, 27.7947, 33.3667



6.3144, 6.2649, 7.0355



11.6935, 5.9316, 4.9108



0.1926, 0.0958, 0.1670

Previews

White Background



This preview shows how the XYZ color 23.9029, 21.9753, 25.5361 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 23.9029, 21.9753, 25.5361 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 23.9029, 21.9753, 25.5361

Background



This preview shows how black text looks on a background with the XYZ color 23.9029, 21.9753, 25.5361.



This preview shows how white text looks on a background with the XYZ color 23.9029, 21.9753,

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

23.9029, 21.9753, 25.5361

Protanopia

21.3599, 21.9404, 27.1539

Deuteranopia

22.3825, 21.9361, 25.2447



Tritanopia

23.8188, 22.1371, 24.4902

Trichromacy



Original Color

23.9029, 21.9753, 25.5361

Protanomaly

22.1655, 21.7917, 26.7049

Deuteranomaly

22.9429, 22.0381, 25.2348

Tritanomaly

23.8869, 22.1643, 24.8490

Monochromacy



Original Color

23.9029, 21.9753, 25.5361

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

22.2355, 22.2480, 24.9521

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.9029, 21.9753, 25.5361 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(151, 121, 134)` looks like.

```
.text, #text, p{  
    color:rgb(151, 121, 134)  
}
```

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(151, 121, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 121, 134) }
```

Border

The CSS property to change the border of an element to XYZ 23.9029, 21.9753, 25.5361 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(151, 121, 134) }
```


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

```
.border{ border-color:rgb(151, 121, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 121, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 121, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 121, 134);  
box-shadow:4px 4px 4px 4px rgb(151, 121,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 23.9029, 21.9753, 25.5361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 121, 134) }
```

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

```
.background{ background-color: rgb(151,  
121, 134) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor