

Converting Colors

XYZ(23.2798, 22.1738, 25.1377)

Have a look what the booklet for
XYZ(23.2798, 22.1738, 25.1377)
contains.

XYZ(23.2953, 22.2198, 25.2513)	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(23.2953, 22.2198,
25.2513)**

Conversions

Conversions Part 1

Format	Color
Hex	927C85
RGB	146, 124, 133
RGB Percent	57%, 49%, 52%
CMY	0.4275, 0.5137, 0.4784
CMYK	0.00, 0.15, 0.09, 0.43
HSL	335°, 9%, 53%
HSV	335°, 15%, 57%
XYZ	23.2953, 22.2198, 25.2513
YIQ	131.6040, 10.2230, 7.4630

Conversions

Conversions Part 2

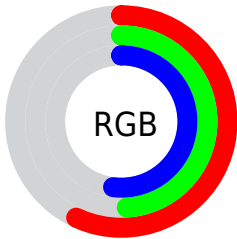
Format	Color
R_{YB}	146, 124, 133
Decimal	9600133
CIE _{Lab}	54.26, 10.06, -1.74
CIE _{LCh}	54, 10.213, 350.189
Yxy	22.2198, 0.3292, 0.3140
Android (android.graphics.Color)	4287790213 (0xFF927C85)
YUV	131.6040, 0.6882, 12.6253
Hunter-Lab	47.1379, 5.7225, 1.2354

Details

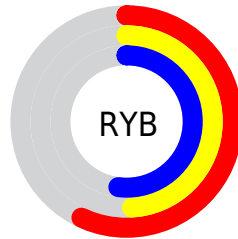
The XYZ color **23.2953, 22.2198, 25.2513** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.1073, 26.6495, 27.5942**, and the grayscale version is **21.7852, 22.9198, 24.9596**.

A 20% lighter version of the original color is **48.4045, 47.2688, 53.0270**, and **8.8356, 8.1051, 9.4863** is the 20% darker color. If you saturate the color by 10%, you get **21.0276, 18.5994, 21.6742**, and if you desaturate by 10%, it is **25.8842, 26.4036, 29.1776**.

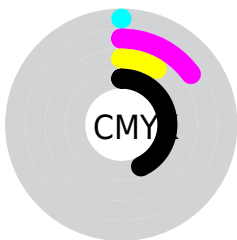
Distribution



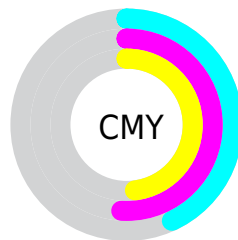
- Red (57%)
- Green (49%)
- Blue (52%)



- Red (57%)
- Yellow (49%)
- Blue (52%)



- Cyan (0%)
- Magenta (15%)
- Yellow (9%)
- Black (43%)



- Cyan (43%)
- Magenta (51%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.2953, 22.2198, 25.2513 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 23.2953, 22.2198, 25.2513 by changing the saturation by 10% instead.

■ 23.2953, 22.2198,
25.2513

■ 23.2953, 22.2198,
25.2513

261.7452,
263.6920, 292.5748

■ 14.9336, 14.0185,
16.0437

■ 48.3409, 47.1090,
53.0338

■ 8.8588, 8.1335,
9.4004

■ 65.7554, 64.5657,
72.4457

■ 4.7056, 4.1805,
4.9029

■ 86.9183, 85.8763,
96.0961

■ 2.1085, 1.7750,
2.1326

112.1949,
111.4252, 124.4036

■ 0.6938, 0.4715,
0.6351

141.9505,
141.5969, 157.7867

■ 0.0000, 0.0000,
0.0000

176.5505,

176.7756, 196.6638

216.3603,
217.3459, 241.4537

■ 23.2953, 22.2198,
25.2513

■ 23.2953, 22.2198,
25.2513

■ 21.0276, 18.5994,
21.6742

■ 25.8842, 26.4036,
29.1776

■ 19.0662, 15.5151,
18.4348

■ 28.8045, 31.1706,
33.4614

■ 17.3976, 12.9422,
15.5229

■ 32.0687, 36.5432,
38.1124

■ 16.0069, 10.8524,
12.9273

■ 35.6876, 42.5417,
43.1395

■ 14.8775, 9.2148,
10.6358

■ 39.6719, 49.1856,
48.5513

■ 13.9911, 7.9949,
8.6357

■ 44.0315, 56.4934,
54.3560

■ 13.3267, 7.1531,
6.9126

■ 48.7763, 64.4829,
60.5618

■ 12.8569, 6.6373,
5.4500

■ 53.9154, 73.1713,
67.1764

■ 12.6622, 6.4343,
4.8103

■ 59.3289, 82.3169,
74.1643

Harmonies

Analogous

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



22.8034, 22.2198, 28.3266



23.2953, 22.2198, 25.2513



23.1887, 22.2198, 22.1427

Triad

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



23.2953, 22.2198, 25.2513



20.3904, 22.2198, 18.8930



19.7806, 22.2198, 29.2049

Complementary

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



23.2953, 22.2198, 25.2513



23.1073, 26.6495, 27.5942

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.



19.1768, 22.2198, 26.3674



23.2953, 22.2198, 25.2513



19.5202, 22.2198, 20.4835

Square

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



23.2953, 22.2198, 25.2513



21.4854, 22.2198, 18.6511



19.0831, 22.2198, 23.1658



20.7573, 22.2198, 30.7378

Rectangle

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



23.2953, 22.2198, 25.2513



22.7938, 22.2198, 20.4559



19.0831, 22.2198, 23.1658



19.5288, 22.2198, 28.3609

Sweetspot

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



23.2959, 22.2208, 25.2518



45.6453, 46.5511, 51.4470



22.6860, 21.7961, 30.2056



10.0871, 10.2467, 11.3447



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.



23.2959, 22.2208, 25.2518



39.7155, 36.9853, 42.3982



22.9325, 22.4464, 22.1940



5.8933, 5.8524, 6.5440



11.1534, 5.6664, 4.2886



0.1505, 0.0750, 0.1263

Inverse Universe

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



23.2959, 22.2208, 25.2518



39.7155, 36.9853, 42.3982



23.4997, 26.3579, 31.0432



5.8933, 5.8524, 6.5440



11.1534, 5.6664, 4.2886



0.1505, 0.0750, 0.1263

Previews

White Background



This preview shows how the XYZ color 23.2953, 22.2198, 25.2513 looks on a white background.

Color Contrast Check

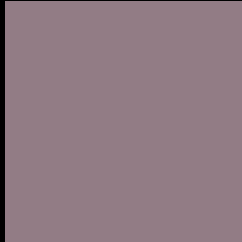
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.2953, 22.2198, 25.2513 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 23.2953, 22.2198, 25.2513

Background



This preview shows how black text looks on a background with the XYZ color 23.2953, 22.2198, 25.2513.



This preview shows how white text looks on a background with the XYZ color 23.2953, 22.2198,

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

23.2953, 22.2198, 25.2513

Protanopia

21.5001, 22.2239, 26.4490

Deuteranopia

22.6790, 22.2779, 25.2951



Tritanopia

23.3648, 22.2475, 25.6170

Trichromacy



Original Color

23.2953, 22.2198, 25.2513

Protanomaly

22.1159, 22.1623, 26.0338

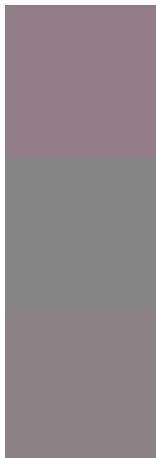
Deuteranomaly

22.8949, 22.2003, 25.2687

Tritanomaly

23.3648, 22.2475, 25.6170

Monochromacy



Original Color

23.2953, 22.2198, 25.2513

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

22.3316, 22.6848, 25.0314

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.2953, 22.2198, 25.2513 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(146, 124, 133)` looks like.

```
.text, #text, p{  
    color:rgb(146, 124, 133)  
}
```

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(146, 124, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 124, 133) }
```

Border

The CSS property to change the border of an element to XYZ 23.2953, 22.2198, 25.2513 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(146, 124, 133) }
```


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

```
.border{ border-color:rgb(146, 124, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 124, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 124, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 124, 133);  
box-shadow:4px 4px 4px 4px rgb(146, 124,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 23.2953, 22.2198, 25.2513 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 124, 133) }
```

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

```
.background{ background-color: rgb(146,  
124, 133) }
```

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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