

Converting Colors

XYZ(23.8056, 21.8061, 27.5938)

Have a look what the booklet for
XYZ(23.8056, 21.8061, 27.5938)
contains.

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Color

**XYZ(23.9654, 21.9578,
27.7861)**

Conversions

Conversions Part 1

Format	Color
Hex	95798C
RGB	149, 121, 140
RGB Percent	58%, 47%, 55%
CMY	0.4157, 0.5255, 0.4510
CMYK	0.00, 0.19, 0.06, 0.42
HSL	319°, 12%, 53%
HSV	319°, 19%, 58%
XYZ	23.9654, 21.9578, 27.7861
YIQ	131.5380, 10.5890, 11.8450

Conversions

Conversions Part 2

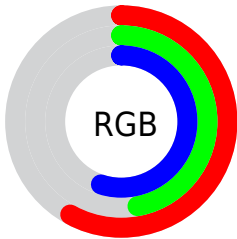
Format	Color
R_{YB}	149, 121, 140
Decimal	9795980
CIE _{Lab}	53.98, 14.23, -6.20
CIE _{LCh}	54, 15.522, 336.459
Yxy	21.9578, 0.3251, 0.2979
Android (android.graphics.Color)	4287986060 (0xFF95798C)
YUV	131.5380, 4.1718, 15.3142
Hunter-Lab	46.8592, 9.2876, -2.3558

Details

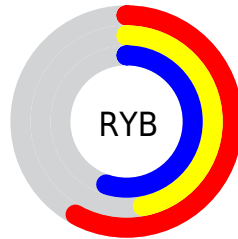
The XYZ color **23.9654, 21.9578, 27.7861** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **22.6627, 27.1721, 25.1706**, and the grayscale version is **21.7494, 22.8820, 24.9185**.

A 20% lighter version of the original color is **49.3098, 46.4787, 57.4113**, and **9.1998, 7.9696, 10.7263** is the 20% darker color. If you saturate the color by 10%, you get **21.9473, 18.4743, 25.4088**, and if you desaturate by 10%, it is **26.2798, 26.0088, 30.3385**.

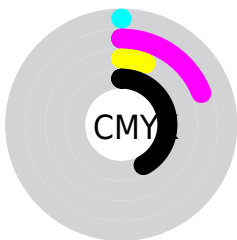
Distribution



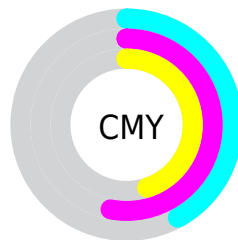
- Red (58%)
- Green (47%)
- Blue (55%)



- Red (58%)
- Yellow (47%)
- Blue (55%)



- Cyan (0%)
- Magenta (19%)
- Yellow (6%)
- Black (42%)



- Cyan (42%)
- Magenta (53%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.9654, 21.9578, 27.7861 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 23.9654, 21.9578, 27.7861 by changing the saturation by 10% instead.

■ 23.9654, 21.9578,
27.7861

■ 23.9654, 21.9578,
27.7861

265.0892,
262.3258, 305.3231

■ 15.4326, 13.8259,
17.9268

■ 49.4288, 46.6762,
57.1617

■ 9.2118, 7.9997,
10.7286

■ 67.0901, 64.0316,
77.5152

■ 4.9378, 4.0947,
5.7728

■ 88.5249, 85.2302,
102.2038

■ 2.2452, 1.7267,
2.6409

114.0986,
110.6564, 131.6461

■ 0.7664, 0.4409,
0.9134

144.1765,
140.6947, 166.2607

■ 0.0000, 0.0000,
0.0000

179.1240,

175.7294, 206.4660

219.3065,
216.1450, 252.6806

■ 23.9654, 21.9578,
27.7861

■ 23.9654, 21.9578,
27.7861

■ 21.9473, 18.4743,
25.4088

■ 26.2798, 26.0088,
30.3385

■ 20.2107, 15.5297,
23.2000

■ 28.9009, 30.6483,
33.0697

■ 18.7421, 13.0973,
21.1545

■ 31.8406, 35.9000,
35.9849

■ 17.5264, 11.1470,
19.2662

■ 35.1099, 41.7853,
39.0885

■ 16.5467, 9.6453,
17.5285

■ 38.7190, 48.3246,
42.3849

■ 15.7841, 8.5549,
15.9342

■ 42.6780, 55.5374,
45.8783

■ 15.2166, 7.8318,
14.4746

■ 46.9962, 63.4423,
49.5726

■ 14.7967, 7.3818,
13.1331

■ 51.6827, 72.0573,
53.4719

■ 14.7485, 7.3312,
12.9762

■ 56.7130, 81.3330,
57.5686

Harmonies

Analogous

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



22.8439, 21.9578, 32.1236



23.9654, 21.9578, 27.7861



24.2380, 21.9578, 22.8852

Triad

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



23.9654, 21.9578, 27.7861



20.5099, 21.9578, 15.8620



18.3848, 21.9578, 29.8213

Complementary

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



23.9654, 21.9578, 27.7861



22.6627, 27.1721, 25.1706

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.



17.8298, 21.9578, 24.9614



23.9654, 21.9578, 27.7861



19.0136, 21.9578, 17.2287

Square

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



23.9654, 21.9578, 27.7861



22.1836, 21.9578, 16.4077



18.0537, 21.9578, 20.4092



19.6097, 21.9578, 33.4042

Rectangle

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



23.9654, 21.9578, 27.7861



23.8894, 21.9578, 20.0283



18.0537, 21.9578, 20.4092



18.1168, 21.9578, 28.2596

Sweetspot

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



23.9660, 21.9588, 27.7866



48.2611, 48.6897, 55.6052



21.4486, 20.5811, 31.2761



10.6380, 10.6891, 12.2623



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



23.9660, 21.9588, 27.7866



41.1645, 36.2831, 47.7320



23.0071, 21.5752, 22.7367



5.9568, 5.8778, 6.8786



12.4268, 6.1758, 10.9944



0.1656, 0.0810, 0.2057

Inverse Universe

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



23.9660, 21.9588, 27.7866



41.1645, 36.2831, 47.7320



23.6572, 27.5699, 30.4073



5.9568, 5.8778, 6.8786



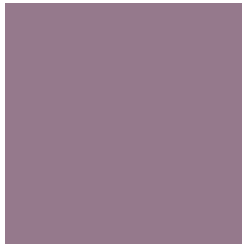
12.4268, 6.1758, 10.9944



0.1656, 0.0810, 0.2057

Previews

White Background



This preview shows how the XYZ color 23.9654, 21.9578, 27.7861 looks on a white background.

Color Contrast Check

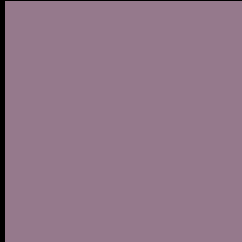
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.9654, 21.9578, 27.7861 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 23.9654, 21.9578, 27.7861

Background



This preview shows how black text looks on a background with the XYZ color 23.9654, 21.9578, 27.7861.



This preview shows how white text looks on a background with the XYZ color 23.9654, 21.9578,

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

23.9654, 21.9578, 27.7861

Protanopia

21.5824, 21.9947, 29.8960

Deuteranopia

22.4376, 22.1042, 27.5100



Tritanopia

23.3371, 21.8809, 24.8232

Trichromacy



Original Color

23.9654, 21.9578, 27.7861

Protanomaly

22.2832, 21.8013, 29.0202

Deuteranomaly

22.8524, 21.9421, 27.4569

Tritanomaly

23.5455, 21.9642, 25.9202

Monochromacy



Original Color

23.9654, 21.9578, 27.7861

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

22.5736, 22.5909, 26.0924

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.9654, 21.9578, 27.7861 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(149, 121, 140)` looks like.

```
.text, #text, p{  
    color:rgb(149, 121, 140)  
}
```

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(149, 121, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 121, 140) }
```

Border

The CSS property to change the border of an element to XYZ 23.9654, 21.9578, 27.7861 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(149, 121, 140) }
```


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

```
.border{ border-color:rgb(149, 121, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 121, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 121, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 121, 140);  
box-shadow:4px 4px 4px 4px rgb(149, 121,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 23.9654, 21.9578, 27.7861 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 121, 140) }
```

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

```
.background{ background-color: rgb(149,  
121, 140) }
```

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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