

Converting Colors

XYZ(23.0559, 21.0609, 25.6108)

Have a look what the booklet for
XYZ(23.0559, 21.0609, 25.6108)
contains.

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Color

**XYZ(23.0643, 21.0020,
25.7598)**

Conversions

Conversions Part 1

Format	Color
Hex	947687
RGB	148, 118, 135
RGB Percent	58%, 46%, 53%
CMY	0.4196, 0.5372, 0.4706
CMYK	0.00, 0.20, 0.09, 0.42
HSL	326°, 12%, 52%
HSV	326°, 20%, 58%
XYZ	23.0643, 21.0020, 25.7598
YIQ	128.9080, 12.4230, 11.6470

Conversions

Conversions Part 2

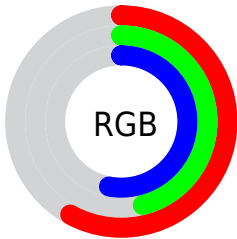
Format	Color
R_{YB}	148, 118, 135
Decimal	9729671
CIE _{Lab}	52.95, 14.66, -4.81
CIE _{LCh}	53, 15.432, 341.823
Yxy	21.0020, 0.3303, 0.3008
Android (android.graphics.Color)	4287919751 (0xFF947687)
YUV	128.9080, 3.0034, 16.7437
Hunter-Lab	45.8279, 9.6366, -1.2472

Details

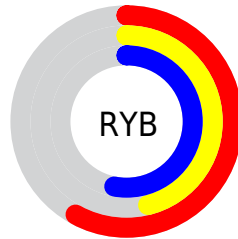
The XYZ color **23.0643, 21.0020, 25.7598** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **22.1586, 26.6706, 25.4540**, and the grayscale version is **20.8213, 21.9056, 23.8552**.

A 20% lighter version of the original color is **47.8089, 44.9368, 53.7308**, and **8.6976, 7.4535, 9.5746** is the 20% darker color. If you saturate the color by 10%, you get **21.0184, 17.6110, 22.9166**, and if you desaturate by 10%, it is **25.4121, 24.9527, 28.8383**.

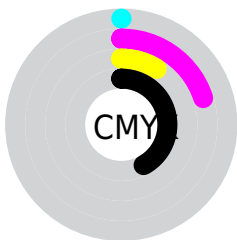
Distribution



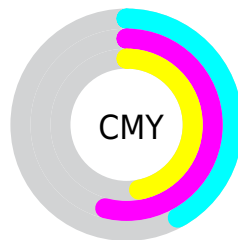
- Red (58%)
- Green (46%)
- Blue (53%)



- Red (58%)
- Yellow (46%)
- Blue (53%)



- Cyan (0%)
- Magenta (20%)
- Yellow (9%)
- Black (42%)



- Cyan (42%)
- Magenta (54%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.0643, 21.0020, 25.7598 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 23.0643, 21.0020, 25.7598 by changing the saturation by 10% instead.

■ 23.0643, 21.0020,
25.7598

■ 23.0643, 21.0020,
25.7598

260.5843,
257.2891, 295.1688

■ 14.7619, 13.1255,
16.4199

■ 47.9648, 45.0909,
53.8665

■ 8.7377, 7.5150,
9.6642

■ 65.2936, 62.0720,
73.4704

■ 4.6262, 3.7862,
5.0742

■ 86.3620, 82.8567,
97.3326

■ 2.0622, 1.5547,
2.2314

111.5352,
107.8296, 125.8718

■ 0.6685, 0.3268,
0.6924

141.1787,
137.3748, 159.5065

■ 0.0000, 0.0000,
0.0000

175.6578,

171.8769, 198.6552

215.3379,
211.7202, 243.7365

■ 23.0643, 21.0020,
25.7598

■ 23.0643, 21.0020,
25.7598

■ 21.0184, 17.6110,
22.9166

■ 25.4121, 24.9527,
28.8383

■ 19.2593, 14.7512,
20.3008

■ 28.0724, 29.4843,
32.1573

■ 17.7736, 12.3961,
17.9055

■ 31.0573, 34.6202,
35.7233

■ 16.5456, 10.5153,
15.7232

■ 34.3780, 40.3819,
39.5421

■ 15.5584, 9.0754,
13.7456

■ 38.0449, 46.7895,
43.6194

■ 14.7924, 8.0388,
11.9636

■ 42.0679, 53.8625,
47.9605

■ 14.2252, 7.3609,
10.3670

■ 46.4569, 61.6195,
52.5708

■ 13.8076, 6.9339,
8.9697

■ 51.2209, 70.0782,
57.4553

■ 56.3689, 79.2559,
62.6189

Harmonies

Analogous

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



22.1079, 21.0020, 30.1668



23.0643, 21.0020, 25.7598



23.1627, 21.0020, 21.0911

Triad

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



23.0643, 21.0020, 25.7598



19.3314, 21.0020, 15.2116



17.7330, 21.0020, 29.3350

Complementary

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



23.0643, 21.0020, 25.7598



22.1586, 26.6706, 25.4540

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.



17.0702, 21.0020, 24.7412



23.0643, 21.0020, 25.7598



17.9592, 21.0020, 16.8524

Square

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



23.0643, 21.0020, 25.7598



20.9476, 21.0020, 15.4071



17.1507, 21.0020, 20.2004



19.0073, 21.0020, 32.4152

Rectangle

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



23.0643, 21.0020, 25.7598



22.7222, 21.0020, 18.4859



17.1507, 21.0020, 20.2004



17.4345, 21.0020, 27.8922

Sweetspot

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



23.0649, 21.0029, 25.7602



46.7171, 47.2175, 53.2606



21.1846, 19.9213, 30.7458



10.6038, 10.6754, 12.0821



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.



23.0649, 21.0029, 25.7602



39.1126, 34.4207, 43.2898



22.0821, 20.6098, 20.5846



5.9302, 5.8671, 6.7384



11.8077, 5.9281, 7.7343



0.1593, 0.0785, 0.1727

Inverse Universe

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



23.0649, 21.0029, 25.7602



39.1126, 34.4207, 43.2898



23.2500, 27.1071, 31.2012



5.9302, 5.8671, 6.7384



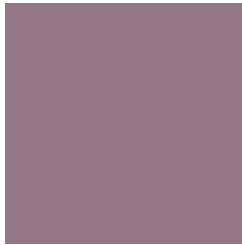
11.8077, 5.9281, 7.7343



0.1593, 0.0785, 0.1727

Previews

White Background



This preview shows how the XYZ color 23.0643, 21.0020, 25.7598 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 23.0643, 21.0020, 25.7598 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

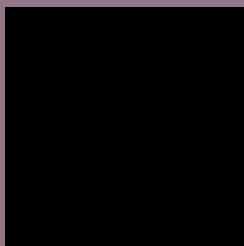
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 23.0643, 21.0020, 25.7598

Background



This preview shows how black text looks on a background with the XYZ color 23.0643, 21.0020, 25.7598.



This preview shows how white text looks on a background with the XYZ color 23.0643, 21.0020,

25.7598.

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

23.0643, 21.0020, 25.7598

Protanopia

20.6519, 21.1751, 27.8097

Deuteranopia

21.3777, 21.0380, 25.4883



Tritanopia

22.5257, 20.9552, 23.2796

Trichromacy



Original Color

23.0643, 21.0020, 25.7598

Protanomaly

21.3433, 20.9874, 26.9708

Deuteranomaly

21.9557, 20.9714, 25.4450

Tritanomaly

22.7262, 21.0354, 24.3352

Monochromacy



Original Color

23.0643, 21.0020, 25.7598

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

21.5837, 21.5402, 24.4928

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.0643, 21.0020, 25.7598 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(148, 118, 135)` looks like.

```
.text, #text, p{  
    color:rgb(148, 118, 135)  
}
```

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(148, 118, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 118, 135) }
```

Border

The CSS property to change the border of an element to XYZ 23.0643, 21.0020, 25.7598 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(148, 118, 135) }
```


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

```
.border{ border-color:rgb(148, 118, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 118, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 118, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 118, 135);  
box-shadow:4px 4px 4px 4px rgb(148, 118,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 23.0643, 21.0020, 25.7598 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 118, 135) }
```

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

```
.background{ background-color: rgb(148,  
118, 135) }
```

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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