

Converting Colors

XYZ(23.2354, 26.0166, 22.2687)

Have a look what the booklet for
XYZ(23.2354, 26.0166, 22.2687)
contains.

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Color

**XYZ(23.1775, 25.9020,
22.1904)**

Conversions

Conversions Part 1

Format	Color
Hex	878E7A
RGB	135, 142, 122
RGB Percent	53%, 56%, 48%
CMY	0.4706, 0.4431, 0.5216
CMYK	0.05, 0.00, 0.14, 0.44
HSL	81°, 8%, 52%
HSV	81°, 14%, 56%
XYZ	23.1775, 25.9020, 22.1904
YIQ	137.6270, 2.2480, -7.7040

Conversions

Conversions Part 2

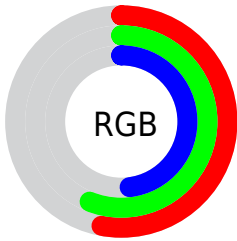
Format	Color
R_{YB}	122, 142, 129
Decimal	8883834
CIE _{Lab}	57.94, -6.35, 9.79
CIE _{LCh}	58, 11.669, 122.947
Yxy	25.9020, 0.3252, 0.3634
Android (android.graphics.Color)	4287073914 (0xFF878E7A)
YUV	137.6270, -7.7041, -2.3039
Hunter-Lab	50.8940, -7.7743, 9.7747

Details

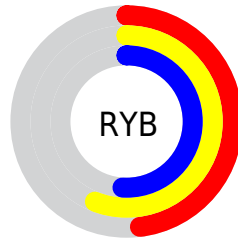
The XYZ color **23.1775, 25.9020, 22.1904** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **20.8963, 20.5399, 28.4558**, and the grayscale version is **24.0438, 25.2959, 27.5473**.

A 20% lighter version of the original color is **48.1189, 53.2272, 47.7821**, and **8.7761, 10.0666, 7.7838** is the 20% darker color. If you saturate the color by 10%, you get **21.5801, 25.1736, 17.8535**, and if you desaturate by 10%, it is **24.9423, 26.7034, 27.2074**.

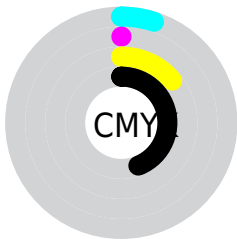
Distribution



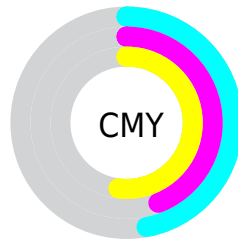
- Red (53%)
- Green (56%)
- Blue (48%)



- Red (48%)
- Yellow (56%)
- Blue (51%)



- Cyan (5%)
- Magenta (0%)
- Yellow (14%)
- Black (44%)



- Cyan (47%)
- Magenta (44%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.1775, 25.9020, 22.1904 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 23.1775, 25.9020, 22.1904 by changing the saturation by 10% instead.

■ 23.1775, 25.9020,
22.1904

■ 23.1775, 25.9020,
22.1904

261.1537,
282.3007, 276.5249

■ 14.8460, 16.7503,
13.7972

■ 48.1491, 53.1168,
47.9667

■ 8.7970, 10.0567,
7.8426

■ 65.5200, 71.9487,
66.1869

■ 4.6651, 5.4365,
3.9081

■ 86.6348, 94.7762,
88.5199

■ 2.0848, 2.5056,
1.5751

111.8587,
121.9837, 115.3841

■ 0.6810, 0.8794,
0.2729

141.5572,
153.9554, 147.1982

■ 0.0000, 0.0000,
0.0000

176.0957,

191.0759, 184.3807

215.8394,
233.7295, 227.3500

■ 23.1775, 25.9020,
22.1904

■ 23.1775, 25.9020,
22.1904

■ 21.5801, 25.1736,
17.8535

■ 24.9423, 26.7034,
27.2074

■ 20.1418, 24.5123,
14.1657

■ 26.8781, 27.5766,
32.9304

■ 18.8570, 23.9166,
11.0962

■ 28.9910, 28.5252,
39.3857

■ 17.7187, 23.3836,
8.6111

■ 31.2861, 29.5511,
46.5982

■ 16.7192, 22.9102,
6.6728

■ 33.7685, 30.6564,
54.5913

■ 15.8501, 22.4929,
5.2400

■ 36.4427, 31.8431,
63.3875

■ 15.1017, 22.1280,
4.2649

■ 39.3133, 33.1130,
73.0084

■ 14.4625, 21.8105,
3.6888

■ 42.3848, 34.4679,
83.4746

■ 14.1159, 21.6371,
3.4324

■ 45.6613, 35.9096,
94.8064

Harmonies

Analogous

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



24.4803, 25.9020, 21.1542



23.1775, 25.9020, 22.1904



22.2885, 25.9020, 24.8252

Triad

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



23.1775, 25.9020, 22.1904



23.4096, 25.9020, 35.6774



27.4196, 25.9020, 27.8066

Complementary

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



23.1775, 25.9020, 22.1904



20.8963, 20.5399, 28.4558

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.



27.1067, 25.9020, 31.8738



23.1775, 25.9020, 22.1904



24.7584, 25.9020, 36.6655

Square

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



23.1775, 25.9020, 22.1904



22.4189, 25.9020, 32.6279



26.1192, 25.9020, 35.2137



26.9587, 25.9020, 24.1972

Rectangle

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



23.1775, 25.9020, 22.1904



22.0318, 25.9020, 27.2626



26.1192, 25.9020, 35.2137



27.4014, 25.9020, 29.1645

Sweetspot

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



23.1782, 25.9031, 22.1910



43.9822, 47.0870, 47.9778



22.5194, 22.8573, 21.6378



9.7740, 10.4946, 10.5724



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



23.1782, 25.9031, 22.1910



39.9181, 45.2417, 36.5013



21.6441, 25.1123, 22.1192



5.6588, 6.1922, 5.7863



12.6936, 19.4364, 3.0826



0.1453, 0.1982, 0.0306

Inverse Universe

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



20.8963, 20.5399, 28.4558



35.0701, 33.8465, 49.8125



22.4904, 21.3617, 28.5304



5.2966, 5.3411, 6.7805



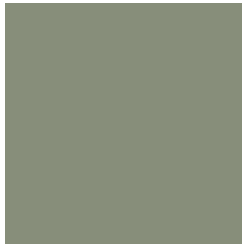
5.5707, 2.3654, 23.1400



0.0754, 0.0340, 0.2223

Previews

White Background



This preview shows how the XYZ color 23.1775, 25.9020, 22.1904 looks on a white background.

Color Contrast Check

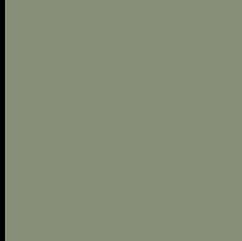
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.1775, 25.9020, 22.1904 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

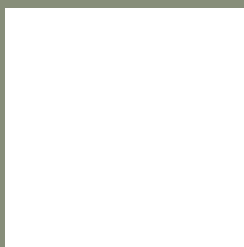
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.1775, 25.9020, 22.1904

Background



This preview shows how black text looks on a background with the XYZ color 23.1775, 25.9020, 22.1904.



This preview shows how white text looks on a background with the XYZ color 23.1775, 25.9020,

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

23.1775, 25.9020, 22.1904

Protanopia

24.4768, 25.9323, 21.4847

Deuteranopia

26.2637, 25.7745, 22.6595



Tritanopia

25.1608, 25.8359, 32.0945

Trichromacy



Original Color

23.1775, 25.9020, 22.1904

Protanomaly

23.9846, 25.8874, 21.8218

Deuteranomaly

25.0985, 25.8054, 22.3970

Tritanomaly

24.3741, 25.7326, 28.1083

Monochromacy



Original Color

23.1775, 25.9020, 22.1904

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

23.7140, 25.4495, 25.4922

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.1775, 25.9020, 22.1904 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(135, 142, 122)` looks like.

```
.text, #text, p{  
    color:rgb(135, 142, 122)  
}
```

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(135, 142, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 142, 122) }
```

Border

The CSS property to change the border of an element to XYZ 23.1775, 25.9020, 22.1904 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(135, 142, 122) }
```


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

```
.border{ border-color:rgb(135, 142, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 142, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 142, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 142, 122);  
box-shadow:4px 4px 4px 4px rgb(135, 142,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 23.1775, 25.9020, 22.1904 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 142, 122) }
```

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

```
.background{ background-color: rgb(135,  
142, 122) }
```

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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