

Converting Colors

XYZ(24.4853, 24.0452, 22.4204)

Have a look what the booklet for
XYZ(24.4853, 24.0452, 22.4204)
contains.

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Color

**XYZ(24.5696, 24.0959,
22.4248)**

Conversions

Conversions Part 1

Format	Color
Hex	98827C
RGB	152, 130, 124
RGB Percent	60%, 51%, 49%
CMY	0.4039, 0.4902, 0.5137
CMYK	0.00, 0.14, 0.18, 0.40
HSL	13°, 12%, 54%
HSV	13°, 18%, 60%
XYZ	24.5696, 24.0959, 22.4248
YIQ	135.8940, 15.0380, 2.7980

Conversions

Conversions Part 2

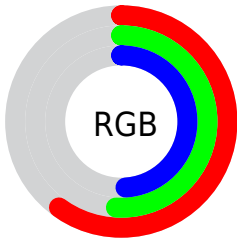
Format	Color
R_{YB}	152, 132, 124
Decimal	9994876
CIE _{Lab}	56.18, 7.37, 6.34
CIE _{LCh}	56, 9.728, 40.711
Yxy	24.0959, 0.3456, 0.3389
Android (android.graphics.Color)	4288184956 (0xFF98827C)
YUV	135.8940, -5.8637, 14.1250
Hunter-Lab	49.0876, 3.4406, 7.2757

Details

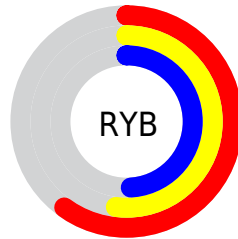
The XYZ color **24.5696, 24.0959, 22.4248** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.2583, 27.1092, 33.6599**, and the grayscale version is **23.3799, 24.5975, 26.7867**.

A 20% lighter version of the original color is **50.5021, 50.2670, 48.1150**, and **9.5793, 9.1596, 7.9197** is the 20% darker color. If you saturate the color by 10%, you get **22.1844, 20.7469, 17.2472**, and if you desaturate by 10%, it is **27.2887, 27.8751, 28.4453**.

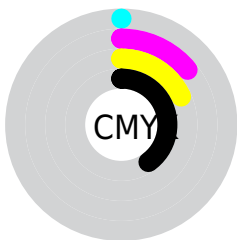
Distribution



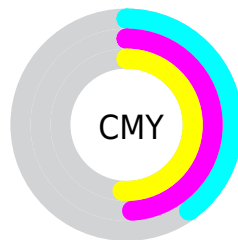
- Red (60%)
- Green (51%)
- Blue (49%)



- Red (60%)
- Yellow (52%)
- Blue (49%)



- Cyan (0%)
- Magenta (14%)
- Yellow (18%)
- Black (40%)



- Cyan (40%)
- Magenta (49%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.5696, 24.0959, 22.4248 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 24.5696, 24.0959, 22.4248 by changing the saturation by 10% instead.

■ 24.5696, 24.0959,
22.4248

■ 24.5696, 24.0959,
22.4248

268.0750,
273.3050, 277.7822

■ 15.8837, 15.4048,
13.9681

■ 50.4061, 50.1866,
48.3583

■ 9.5322, 9.1040,
7.9600

■ 68.2873, 68.3551,
66.6721

■ 5.1498, 4.8091,
3.9819

■ 89.9645, 90.4514,
89.1087

■ 2.3711, 2.1357,
1.6154

115.8028,
116.8599, 116.0866

■ 0.8307, 0.6846,
0.3018

146.1676,
147.9652, 148.0244

■ 0.0000, 0.0000,
0.0000

181.4244,

184.1515, 185.3405

221.9384,
225.8033, 228.4537

■ 24.5696, 24.0959,
22.4248

■ 24.5696, 24.0959,
22.4248

■ 22.1844, 20.7469,
17.2472

■ 27.2887, 27.8751,
28.4453

■ 20.1180, 17.8095,
12.8733

■ 30.3520, 32.0956,
35.3426

■ 18.3573, 15.2687,
9.2629

■ 33.7719, 36.7724,
43.1505

■ 16.8871, 13.1072,
6.3720

■ 37.5594, 41.9187,
51.9005

■ 15.6913, 11.3065,
4.1517

■ 41.7252, 47.5471,
61.6227

■ 14.7518, 9.8463,
2.5473

■ 46.2794, 53.6697,
72.3457

■ 14.0482, 8.7044,
1.4950

■ 51.2319, 60.2984,
84.0972

■ 13.5478, 7.8520,
0.8705

■ 56.5921, 67.4443,
96.9036

■ 13.4814, 7.7404,
0.7835

■ 61.4209, 74.7393,
105.7966

Harmonies

Analogous

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



25.0786, 24.0959, 25.1095



24.5696, 24.0959, 22.4248



23.6194, 24.0959, 20.8475

Triad

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



24.5696, 24.0959, 22.4248



20.9342, 24.0959, 24.2562



23.3040, 24.0959, 32.7573

Complementary

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



24.5696, 24.0959, 22.4248



24.2583, 27.1092, 33.6599

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.



22.2002, 24.0959, 32.4819



24.5696, 24.0959, 22.4248



20.8559, 24.0959, 27.3964

Square

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



24.5696, 24.0959, 22.4248



21.5297, 24.0959, 21.8439



21.3124, 24.0959, 30.4570



24.3323, 24.0959, 31.1813

Rectangle

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



24.5696, 24.0959, 22.4248



22.8758, 24.0959, 20.5531



21.3124, 24.0959, 30.4570



22.9291, 24.0959, 32.8812

Sweetspot

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



24.5703, 24.0970, 22.4253



49.3581, 50.8482, 52.8740



25.3763, 23.1788, 30.4942



11.1491, 11.4614, 11.8622



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.



24.5703, 24.0970, 22.4253



41.6119, 40.0745, 35.7453



26.5000, 27.9564, 23.0685



6.3108, 6.4268, 6.5137



11.3234, 6.5292, 0.6635



0.1920, 0.1430, 0.0175

Inverse Universe

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



24.2583, 27.1092, 33.6599



40.9587, 46.3670, 59.2247



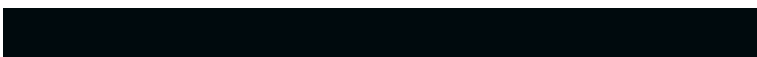
22.2856, 23.1636, 33.0024



6.2722, 6.8017, 7.9113



10.3476, 13.0919, 26.8893



0.1798, 0.2459, 0.4104

Previews

White Background



This preview shows how the XYZ color 24.5696, 24.0959, 22.4248 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 24.5696, 24.0959, 22.4248 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

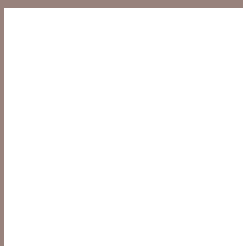
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.5696, 24.0959, 22.4248

Background



This preview shows how black text looks on a background with the XYZ color 24.5696, 24.0959, 22.4248.



This preview shows how white text looks on a background with the XYZ color 24.5696, 24.0959,

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

24.5696, 24.0959, 22.4248

Protanopia

22.9385, 24.0455, 23.1709

Deuteranopia

24.5696, 24.0959, 22.4248



Tritanopia

25.6330, 24.1433, 27.3539

Trichromacy



Original Color

24.5696, 24.0959, 22.4248

Protanomaly

23.5908, 24.1850, 22.8268

Deuteranomaly

24.5696, 24.0959, 22.4248

Tritanomaly

25.2208, 24.1663, 25.5256

Monochromacy



Original Color

24.5696, 24.0959, 22.4248

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

23.8453, 24.4669, 25.2956

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.5696, 24.0959, 22.4248 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(152, 130, 124)` looks like.

```
.text, #text, p{  
    color:rgb(152, 130, 124)  
}
```

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(152, 130, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 130, 124) }
```

Border

The CSS property to change the border of an element to XYZ 24.5696, 24.0959, 22.4248 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(152, 130, 124) }
```


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

```
.border{ border-color:rgb(152, 130, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 130, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 130, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 130, 124);  
box-shadow:4px 4px 4px 4px rgb(152, 130,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 24.5696, 24.0959, 22.4248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 130, 124) }
```

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

```
.background{ background-color: rgb(152,  
130, 124) }
```

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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