

Converting Colors

XYZ(22.5452, 24.3963, 8.3417)

Have a look what the booklet for
XYZ(22.5452, 24.3963, 8.3417)
contains.

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Color

**XYZ(22.5383, 24.3735,
8.3672)**

Conversions

Conversions Part 1

Format	Color
Hex	988740
RGB	152, 135, 64
RGB Percent	60%, 53%, 25%
CMY	0.4039, 0.4706, 0.7490
CMYK	0.00, 0.11, 0.58, 0.40
HSL	48°, 41%, 42%
HSV	48°, 58%, 60%
XYZ	22.5383, 24.3735, 8.3672
YIQ	131.9890, 32.9230, -18.4770

Conversions

Conversions Part 2

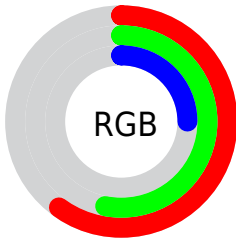
Format	Color
R_{YB}	85, 152, 64
Decimal	9996096
CIE _{Lab}	56.46, -2.85, 39.90
CIE _{LCh}	56, 40.003, 94.083
Yxy	24.3735, 0.4077, 0.4409
Android (android.graphics.Color)	4288186176 (0xFF988740)
YUV	131.9890, -33.5186, 17.5496
Hunter-Lab	49.3695, -4.9074, 24.5101

Details

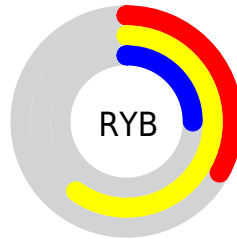
The XYZ color **22.5383, 24.3735, 8.3672** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **10.7243, 9.2416, 30.9243**, and the grayscale version is **22.0375, 23.1851, 25.2486**.

A 20% lighter version of the original color is **47.0329, 50.5912, 23.2058**, and **8.4441, 9.2840, 1.7624** is the 20% darker color. If you saturate the color by 10%, you get **21.7596, 23.4165, 6.2569**, and if you desaturate by 10%, it is **23.4474, 25.4025, 11.1032**.

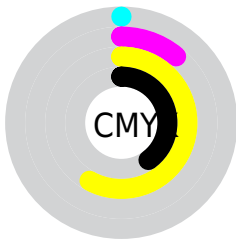
Distribution



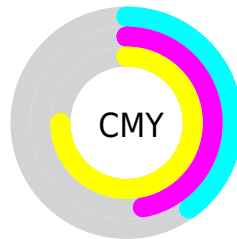
- Red (60%)
- Green (53%)
- Blue (25%)



- Red (33%)
- Yellow (60%)
- Blue (25%)



- Cyan (0%)
- Magenta (11%)
- Yellow (58%)
- Black (40%)



- Cyan (40%)
- Magenta (47%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.5383, 24.3735, 8.3672 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 22.5383, 24.3735, 8.3672 by changing the saturation by 10% instead.

■ 22.5383, 24.3735,
8.3672

■ 22.5383, 24.3735,
8.3672

257.9245,
274.7034, 188.6253

■ 14.3718, 15.6109,
4.2397

■ 47.1064, 50.6390,
23.2332

■ 8.4631, 9.2493,
1.7577

■ 64.2386, 68.9107,
34.8087

■ 4.4470, 4.9041,
0.3999

■ 85.0901, 91.1210,
49.7039

■ 1.9580, 2.1911,
0.0000

■ 110.0263,
117.6541, 68.3375

■ 0.6102, 0.7151,
0.0000

■ 139.4125,
148.8945, 91.1278

■ 0.0000, 0.0000,
0.0000

173.6140,

185.2266, 118.4936

212.9962,
227.0347, 150.8532

■ 22.5383, 24.3735,
8.3672

■ 22.5383, 24.3735,
8.3672

■ 21.7596, 23.4165,
6.2569

■ 23.4474, 25.4025,
11.1032

■ 21.0996, 22.5241,
4.7190

■ 24.4939, 26.5038,
14.5094

■ 20.5474, 21.6925,
3.6938

■ 25.6864, 27.6819,
18.6279

■ 20.0818, 20.9132,
3.0702

■ 27.0323, 28.9398,
23.4971

■ 19.9876, 20.7528,
2.9522

■ 28.5384, 30.2804,
29.1524

■ 30.2111, 31.7065,
35.6271

■ 32.0564, 33.2204,
42.9526

■ 34.0801, 34.8248,
51.1586

■ 36.2876, 36.5218,
60.2733

Harmonies

Analogous

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



27.2787, 24.3735, 9.5792



22.5383, 24.3735, 8.3672



18.5275, 24.3735, 10.5290

Triad

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



22.5383, 24.3735, 8.3672



16.5483, 24.3735, 43.5412



32.1301, 24.3735, 39.3130

Complementary

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



22.5383, 24.3735, 8.3672



10.7243, 9.2416, 30.9243

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.



28.5211, 24.3735, 53.7469



22.5383, 24.3735, 8.3672



19.4895, 24.3735, 56.7049

Square

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



22.5383, 24.3735, 8.3672



15.3735, 24.3735, 28.3953



23.8058, 24.3735, 60.9528



33.2277, 24.3735, 24.7647

Rectangle

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



22.5383, 24.3735, 8.3672



16.6793, 24.3735, 14.2171



23.8058, 24.3735, 60.9528



31.1488, 24.3735, 44.4780

Sweetspot

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



22.5389, 24.3746, 8.3677



47.8568, 51.2110, 41.9989



16.2903, 10.9456, 9.1576



10.7739, 11.5452, 9.1651



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.



22.5389, 24.3746, 8.3677



38.1040, 40.9364, 10.2896



20.6991, 27.2319, 9.0162



6.6075, 7.0201, 6.6126



16.7806, 17.4437, 2.4825



0.2740, 0.3070, 0.0448

Inverse Universe

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



10.7243, 9.2416, 30.9243



15.3311, 11.8115, 53.9055



11.7566, 8.1279, 30.6549



5.9763, 6.2099, 7.8126



5.1460, 2.6887, 25.1555



0.0978, 0.0819, 0.3830

Previews

White Background



This preview shows how the XYZ color 22.5383, 24.3735, 8.3672 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 22.5383, 24.3735, 8.3672 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

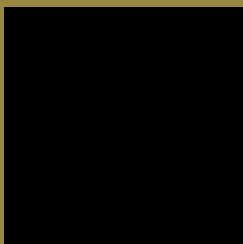
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 22.5383, 24.3735, 8.3672

Background



This preview shows how black text looks on a background with the XYZ color 22.5383, 24.3735, 8.3672.



This preview shows how white text looks on a background with the XYZ color 22.5383, 24.3735,

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

22.5383, 24.3735, 8.3672

Protanopia

22.3072, 24.4625, 8.3965

Deuteranopia

24.7700, 24.3094, 8.5409



Tritanopia

26.4028, 24.3558, 26.9765

Trichromacy



Original Color

22.5383, 24.3735, 8.3672

Protanomaly

22.4921, 24.5578, 8.4052

Deuteranomaly

23.9707, 24.2956, 8.4272

Tritanomaly

24.5074, 24.1590, 18.1233

Monochromacy



Original Color

22.5383, 24.3735, 8.3672

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

21.6888, 23.3256, 17.2691

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.5383, 24.3735, 8.3672 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, 135, 64)` looks like.

```
.text, #text, p{  
    color:rgb(152, 135, 64)  
}
```

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, 135, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 135, 64) }
```

Border

The CSS property to change the border of an element to XYZ 22.5383, 24.3735, 8.3672 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, 135, 64) }
```


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

```
.border{ border-color:rgb(152, 135, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 135, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 135, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 135, 64);  
box-shadow:4px 4px 4px 4px rgb(152, 135,  
64) }
```

Background

The CSS property to change the background color of an element to XYZ 22.5383, 24.3735, 8.3672 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 135, 64) }
```

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

```
.background{ background-color: rgb(152,  
135, 64) }
```

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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