

Converting Colors

XYZ(24.0423, 21.5196, 25.0819)

Have a look what the booklet for
XYZ(24.0423, 21.5196, 25.0819)
contains.

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Color

**XYZ(24.0385, 21.5203,
25.0772)**

Conversions

Conversions Part 1

Format	Color
Hex	9A7685
RGB	154, 118, 133
RGB Percent	60%, 46%, 52%
CMY	0.3961, 0.5372, 0.4784
CMYK	0.00, 0.23, 0.14, 0.40
HSL	335°, 15%, 53%
HSV	335°, 23%, 60%
XYZ	24.0385, 21.5203, 25.0772
YIQ	130.4740, 16.6410, 12.2970

Conversions

Conversions Part 2

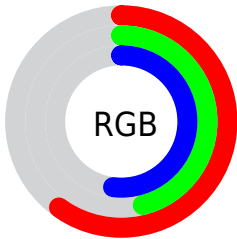
Format	Color
R_{YB}	154, 118, 133
Decimal	10122885
CIE _{Lab}	53.51, 16.57, -2.74
CIE _{LCh}	54, 16.793, 350.603
Yxy	21.5203, 0.3403, 0.3047
Android (android.graphics.Color)	4288312965 (0xFF9A7685)
YUV	130.4740, 1.2453, 20.6323
Hunter-Lab	46.3900, 11.3132, 0.4224

Details

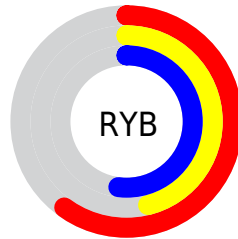
The XYZ color **24.0385, 21.5203, 25.0772** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **23.6879, 28.8274, 28.7431**, and the grayscale version is **21.3781, 22.4914, 24.4932**.

A 20% lighter version of the original color is **49.5321, 45.8499, 52.6937**, and **9.2078, 7.7211, 9.3925** is the 20% darker color. If you saturate the color by 10%, you get **21.7766, 17.9476, 21.3909**, and if you desaturate by 10%, it is **26.6508, 25.7084, 29.1428**.

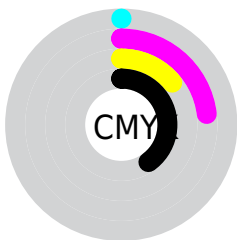
Distribution



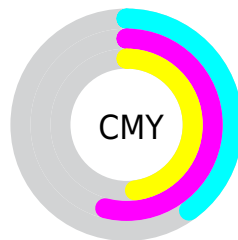
- Red (60%)
- Green (46%)
- Blue (52%)



- Red (60%)
- Yellow (46%)
- Blue (52%)



- Cyan (0%)
- Magenta (23%)
- Yellow (14%)
- Black (40%)



- Cyan (40%)
- Magenta (54%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.0385, 21.5203, 25.0772 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 24.0385, 21.5203, 25.0772 by changing the saturation by 10% instead.

■ 24.0385, 21.5203,
25.0772

■ 24.0385, 21.5203,
25.0772

265.4519,
260.0308, 291.6822

■ 15.4871, 13.5049,
15.9150

■ 49.5472, 45.9519,
52.7481

■ 9.2505, 7.7771,
9.3103

■ 67.2353, 63.1368,
72.0939

■ 4.9633, 3.9527,
4.8446

■ 88.6995, 84.1470,
95.6714

■ 2.2603, 1.6471,
2.0992

114.3054,
109.3668, 123.8990

■ 0.7742, 0.3891,
0.6153

144.4182,
139.1807, 157.1954

■ 0.0000, 0.0000,
0.0000

179.4033,

173.9731, 195.9790

219.6261,
214.1283, 240.6684

■ 24.0385, 21.5203,
25.0772

■ 24.0385, 21.5203,
25.0772

■ 21.7766, 17.9476,
21.3909

■ 26.6508, 25.7084,
29.1428

■ 19.8477, 14.9580,
18.0707

■ 29.6264, 30.5363,
33.5975

■ 18.2353, 12.5211,
15.1047

■ 32.9796, 36.0304,
38.4525

■ 16.9211, 10.6020,
12.4797

■ 36.7235, 42.2151,
43.7179

■ 15.8844, 9.1621,
10.1814

■ 40.8705, 49.1132,
49.4036

■ 15.1020, 8.1574,
8.1942

■ 45.4325, 56.7468,
55.5190

■ 14.5464, 7.5352,
6.5008

■ 50.4208, 65.1368,
62.0735

■ 14.2566, 7.2421,
5.5210

■ 55.8464, 74.3032,
69.0757

■ 61.2059, 83.2378,
76.3632

Harmonies

Analogous

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



23.2289, 21.5203, 30.2558



24.0385, 21.5203, 25.0772



23.8455, 21.5203, 20.1341

Triad

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



24.0385, 21.5203, 25.0772



19.2679, 21.5203, 15.3687



18.3483, 21.5203, 31.8972

Complementary

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



24.0385, 21.5203, 25.0772



23.6879, 28.8274, 28.7431

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.



17.4011, 21.5203, 27.0716



24.0385, 21.5203, 25.0772



17.9102, 21.5203, 17.7200

Square

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



24.0385, 21.5203, 25.0772



21.0211, 21.5203, 14.9960



17.2455, 21.5203, 21.8603



19.8980, 21.5203, 34.5545

Rectangle

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



24.0385, 21.5203, 25.0772



23.1782, 21.5203, 17.5885



17.2455, 21.5203, 21.8603



17.9528, 21.5203, 30.4445

Sweetspot

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



24.0391, 21.5213, 25.0776



51.7035, 52.0289, 57.9004



22.9594, 20.7799, 33.3730



11.6368, 11.6693, 13.0070



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



24.0391, 21.5213, 25.0776



41.4594, 35.5917, 41.9969



23.4346, 21.8537, 20.1237



6.3102, 6.2632, 7.0136



11.6322, 5.9071, 4.5879



0.1914, 0.0953, 0.1608

Inverse Universe

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



24.0391, 21.5213, 25.0776



41.4594, 35.5917, 41.9969



24.3713, 28.3184, 34.7537



6.3102, 6.2632, 7.0136



11.6322, 5.9071, 4.5879



0.1914, 0.0953, 0.1608

Previews

White Background



This preview shows how the XYZ color 24.0385, 21.5203, 25.0772 looks on a white background.

Color Contrast Check

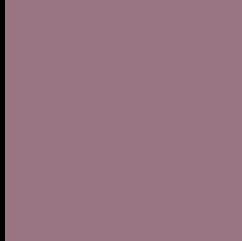
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.0385, 21.5203, 25.0772 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 24.0385, 21.5203, 25.0772

Background



This preview shows how black text looks on a background with the XYZ color 24.0385, 21.5203, 25.0772.



This preview shows how white text looks on a background with the XYZ color 24.0385, 21.5203,

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

24.0385, 21.5203, 25.0772

Protanopia

21.0020, 21.5548, 27.4797

Deuteranopia

22.0200, 21.5702, 24.8327



Tritanopia

23.6300, 21.5245, 23.3313

Trichromacy



Original Color

24.0385, 21.5203, 25.0772

Protanomaly

22.0395, 21.5398, 26.6629

Deuteranomaly

22.6260, 21.5143, 24.7900

Tritanomaly

23.7630, 21.5777, 24.0316

Monochromacy



Original Color

24.0385, 21.5203, 25.0772

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

22.2050, 22.0494, 24.5584

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.0385, 21.5203, 25.0772 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(154, 118, 133)` looks like.

```
.text, #text, p{  
    color:rgb(154, 118, 133)  
}
```

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(154, 118, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 118, 133) }
```

Border

The CSS property to change the border of an element to XYZ 24.0385, 21.5203, 25.0772 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(154, 118, 133) }
```


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

```
.border{ border-color:rgb(154, 118, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 118, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 118, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 118, 133);  
box-shadow:4px 4px 4px 4px rgb(154, 118,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 24.0385, 21.5203, 25.0772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 118, 133) }
```

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

```
.background{ background-color: rgb(154,  
118, 133) }
```

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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