

Converting Colors

XYZ(21.1245, 20.0261, 24.5818)

Have a look what the booklet for
XYZ(21.1245, 20.0261, 24.5818)
contains.

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Color

**XYZ(21.1245, 20.0261,
24.5818)**

Conversions

Conversions Part 1

Format	Color
Hex	8A7684
RGB	138, 118, 132
RGB Percent	54%, 46%, 52%
CMY	0.4588, 0.5372, 0.4824
CMYK	0.00, 0.14, 0.04, 0.46
HSL	318°, 8%, 50%
HSV	318°, 14%, 54%
XYZ	21.1245, 20.0261, 24.5818
YIQ	125.5760, 7.4260, 8.5940

Conversions

Conversions Part 2

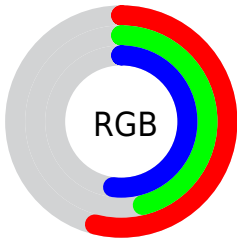
Format	Color
R_{YB}	138, 118, 132
Decimal	9074308
CIE _{Lab}	51.87, 10.34, -4.77
CIE _{LCh}	52, 11.386, 335.233
Yxy	20.0261, 0.3214, 0.3047
Android (android.graphics.Color)	4287264388 (0xFF8A7684)
YUV	125.5760, 3.1670, 10.8958
Hunter-Lab	44.7505, 5.9475, -1.2431

Details

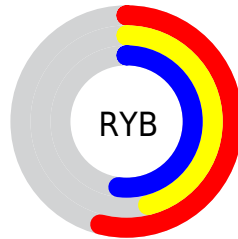
The XYZ color **21.1245, 20.0261, 24.5818** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **20.1986, 23.4842, 22.5382**, and the grayscale version is **19.6757, 20.7004, 22.5427**.

A 20% lighter version of the original color is **44.8699, 43.4587, 51.9224**, and **7.7760, 7.0796, 9.1403** is the 20% darker color. If you saturate the color by 10%, you get **19.3392, 16.8998, 22.6165**, and if you desaturate by 10%, it is **23.1600, 23.6342, 26.6864**.

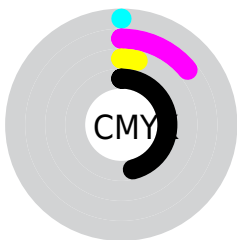
Distribution



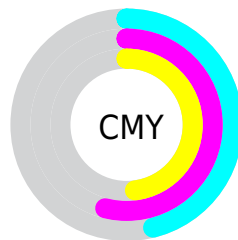
- Red (54%)
- Green (46%)
- Blue (52%)



- Red (54%)
- Yellow (46%)
- Blue (52%)



- Cyan (0%)
- Magenta (14%)
- Yellow (4%)
- Black (46%)



- Cyan (46%)
- Magenta (54%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.1245, 20.0261, 24.5818 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 21.1245, 20.0261, 24.5818 by changing the saturation by 10% instead.

■ 21.1245, 20.0261,
24.5818

■ 21.1245, 20.0261,
24.5818

250.6586,
252.0564, 289.1295

■ 13.3280, 12.4140,
15.5496

■ 44.7844, 43.4609,
51.9336

■ 7.7334, 7.0263,
9.0551

■ 61.3784, 60.0525,
71.0903

■ 3.9752, 3.4786,
4.6798

■ 81.6358, 80.4060,
94.4590

■ 1.6881, 1.3864,
2.0052

105.9217,
104.9058, 122.4580

■ 0.4488, 0.2067,
0.5585

134.6016,
133.9364, 155.5061

■ 0.0000, 0.0000,
0.0000

168.0408,

167.8820, 194.0216

206.6047,
207.1273, 238.4233

■ 21.1245, 20.0261,
24.5818

■ 21.1245, 20.0261,
24.5818

■ 19.3392, 16.8998,
22.6165

■ 23.1600, 23.6342,
26.6864

■ 17.7920, 14.2320,
20.7853

■ 25.4536, 27.7409,
28.9330

■ 16.4722, 12.0016,
19.0840

■ 28.0154, 32.3652,
31.3257

■ 15.3678, 10.1845,
17.5081

■ 30.8540, 37.5246,
33.8679

■ 14.4655, 8.7545,
16.0525

■ 33.9778, 43.2357,
36.5632

■ 13.7505, 7.6822,
14.7115

■ 37.3948, 49.5142,
39.4148

■ 13.2060, 6.9342,
13.4788

■ 41.1127, 56.3754,
42.4257

■ 12.8101, 6.4669,
12.3465

■ 45.1389, 63.8338,
45.5991

■ 12.6202, 6.2589,
11.7535

■ 49.4806, 71.9037,
48.9379

Harmonies

Analogous

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



20.3454, 20.0261, 27.4284



21.1245, 20.0261, 24.5818



21.3344, 20.0261, 21.2296

Triad

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



21.1245, 20.0261, 24.5818



18.8322, 20.0261, 16.0607



17.2759, 20.0261, 25.6871

Complementary

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



21.1245, 20.0261, 24.5818



20.1986, 23.4842, 22.5382

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.



16.9056, 20.0261, 22.3907



21.1245, 20.0261, 24.5818



17.7806, 20.0261, 17.0081

Square

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



21.1245, 20.0261, 24.5818



19.9806, 20.0261, 16.5209



17.0866, 20.0261, 19.2456



18.1182, 20.0261, 28.1105

Rectangle

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



21.1245, 20.0261, 24.5818



21.1163, 20.0261, 19.2025



17.0866, 20.0261, 19.2456



17.0937, 20.0261, 24.6326

Sweetspot

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



21.1251, 20.0270, 24.5822



40.9780, 41.9350, 47.1946



19.3789, 19.0780, 26.7060



9.1334, 9.3029, 10.5275



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



21.1251, 20.0270, 24.5822



36.2879, 33.6321, 42.3101



20.4732, 19.7662, 21.1495



5.1710, 5.1038, 5.9889



11.5774, 5.7411, 10.8110



0.0834, 0.0407, 0.1060

Inverse Universe

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



21.1251, 20.0270, 24.5822



36.2879, 33.6321, 42.3101



20.8634, 23.7502, 26.0393



5.1710, 5.1038, 5.9889



11.5774, 5.7411, 10.8110



0.0834, 0.0407, 0.1060

Previews

White Background



This preview shows how the XYZ color 21.1245, 20.0261, 24.5818 looks on a white background.

Color Contrast Check

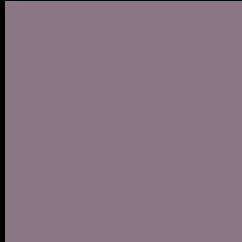
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.1245, 20.0261, 24.5818 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

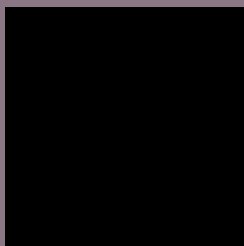
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 21.1245, 20.0261, 24.5818

Background



This preview shows how black text looks on a background with the XYZ color 21.1245, 20.0261, 24.5818.

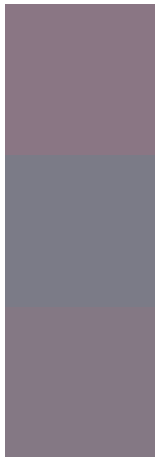


This preview shows how white text looks on a background with the XYZ color 21.1245, 20.0261,

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

21.1245, 20.0261, 24.5818

Protanopia

19.6245, 20.1261, 25.7721

Deuteranopia

20.3970, 20.0044, 24.6160



Tritanopia

20.8096, 20.0705, 23.1993

Trichromacy



Original Color

21.1245, 20.0261, 24.5818

Protanomaly

20.0425, 19.9852, 25.3554

Deuteranomaly

20.5932, 19.9279, 24.5909

Tritanomaly

20.8758, 20.0970, 23.5477

Monochromacy



Original Color

21.1245, 20.0261, 24.5818

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

20.1852, 20.4703, 23.3094

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.1245, 20.0261, 24.5818 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(138, 118, 132)` looks like.

```
.text, #text, p{  
    color:rgb(138, 118, 132)  
}
```

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(138, 118, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 118, 132) }
```

Border

The CSS property to change the border of an element to XYZ 21.1245, 20.0261, 24.5818 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(138, 118, 132) }
```


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

```
.border{ border-color:rgb(138, 118, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 118, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 118, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 118, 132);  
box-shadow:4px 4px 4px 4px rgb(138, 118,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 21.1245, 20.0261, 24.5818 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 118, 132) }
```

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

```
.background{ background-color: rgb(138,  
118, 132) }
```

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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