

Converting Colors

XYZ(24.2939, 25.0427, 21.0406)

Have a look what the booklet for
XYZ(24.2939, 25.0427, 21.0406)
contains.

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Color

**XYZ(24.2065, 24.9558,
20.9939)**

Conversions

Conversions Part 1

Format	Color
Hex	948777
RGB	148, 135, 119
RGB Percent	58%, 53%, 47%
CMY	0.4196, 0.4706, 0.5333
CMYK	0.00, 0.09, 0.20, 0.42
HSL	33°, 12%, 52%
HSV	33°, 20%, 58%
XYZ	24.2065, 24.9558, 20.9939
YIQ	137.0630, 12.8840, -2.2200

Conversions

Conversions Part 2

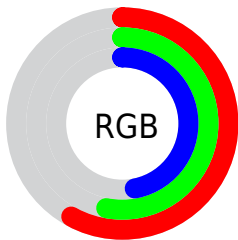
Format	Color
R_{YB}	143, 148, 119
Decimal	9734007
CIE _{Lab}	57.03, 2.14, 10.38
CIE _{LCh}	57, 10.594, 78.352
Yxy	24.9558, 0.3450, 0.3557
Android (android.graphics.Color)	4287924087 (0xFF948777)
YUV	137.0630, -8.9051, 9.5917
Hunter-Lab	49.9558, -0.9289, 10.0524

Details

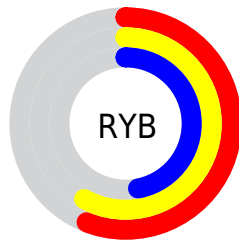
The XYZ color **24.2065, 24.9558, 20.9939** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **21.2041, 22.5620, 31.2544**, and the grayscale version is **23.8314, 25.0725, 27.3040**.

A 20% lighter version of the original color is **49.6910, 51.4633, 45.8425**, and **9.3156, 9.4933, 7.3026** is the 20% darker color. If you saturate the color by 10%, you get **22.4894, 22.8348, 16.3726**, and if you desaturate by 10%, it is **26.1211, 27.2497, 26.3646**.

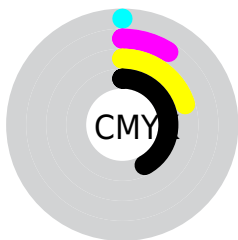
Distribution



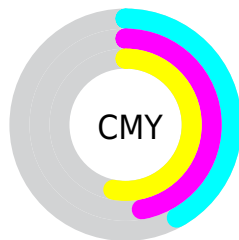
- Red (58%)
- Green (53%)
- Blue (47%)



- Red (56%)
- Yellow (58%)
- Blue (47%)



- Cyan (0%)
- Magenta (9%)
- Yellow (20%)
- Black (42%)



- Cyan (42%)
- Magenta (47%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.2065, 24.9558, 20.9939 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 24.2065, 24.9558, 20.9939 by changing the saturation by 10% instead.

■ 24.2065, 24.9558,
20.9939

■ 24.2065, 24.9558,
20.9939

266.2840,
277.6178, 270.0261

■ 15.6124, 16.0441,
12.9283

■ 49.8192, 51.5855,
45.9580

■ 9.3394, 9.5554,
7.2491

■ 67.5685, 70.0723,
63.6937

■ 5.0221, 5.1052,
3.5376

■ 89.1004, 92.5197,
85.4898

■ 2.2951, 2.3091,
1.3752

114.7800,
119.3119, 111.7649

■ 0.7922, 0.7785,
0.1223

144.9728,
150.8334, 142.9376

■ 0.0000, 0.0000,
0.0000

180.0442,

187.4687, 179.4263

220.3594,
229.6020, 221.6496

■ 24.2065, 24.9558,
20.9939

■ 24.2065, 24.9558,
20.9939

■ 22.4894, 22.8348,
16.3726

■ 26.1211, 27.2497,
26.3646

■ 20.9603, 20.8788,
12.4650

■ 28.2381, 29.7176,
32.5149

■ 19.6120, 19.0840,
9.2352

■ 30.5648, 32.3649,
39.4752

■ 18.4357, 17.4452,
6.6430

■ 33.1075, 35.1956,
47.2740

■ 17.4221, 15.9567,
4.6444

■ 35.8723, 38.2136,
55.9381

■ 16.5606, 14.6125,
3.1894

■ 38.8648, 41.4227,
65.4934

■ 15.8390, 13.4057,
2.2198

■ 42.0906, 44.8266,
75.9645

■ 15.2290, 12.3230,
1.5932

■ 45.5550, 48.4287,
87.3752

■ 15.2054, 12.2812,
1.5691

■ 49.2632, 52.2326,
99.7483

Harmonies

Analogous

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



25.3470, 24.9558, 22.3633



24.2065, 24.9558, 20.9939



22.9737, 24.9558, 21.1692

Triad

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



24.2065, 24.9558, 20.9939



21.5187, 24.9558, 29.3897



25.5545, 24.9558, 31.9898

Complementary

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



24.2065, 24.9558, 20.9939



21.2041, 22.5620, 31.2544

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.



24.4818, 24.9558, 34.2156



24.2065, 24.9558, 20.9939



22.1637, 24.9558, 32.6263

Square

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



24.2065, 24.9558, 20.9939



21.4508, 24.9558, 25.8114



23.2395, 24.9558, 34.4583



26.1433, 24.9558, 28.5809

Rectangle

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



24.2065, 24.9558, 20.9939



22.2647, 24.9558, 22.1414



23.2395, 24.9558, 34.4583



25.2369, 24.9558, 32.9135

Sweetspot

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



24.2072, 24.9569, 20.9944



47.3456, 49.5580, 50.1302



22.9781, 21.1572, 24.7207



10.7598, 11.2566, 11.3046



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



24.2072, 24.9569, 20.9944



41.1891, 42.1688, 32.8983



25.8719, 28.6734, 21.6240



6.0502, 6.3141, 6.1403



13.0153, 10.5449, 1.3494



0.1888, 0.1880, 0.0263

Inverse Universe

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



21.2041, 22.5620, 31.2544



34.7921, 37.0678, 54.7556



19.7507, 19.3574, 30.7125



5.7007, 6.0353, 7.3342



6.2728, 5.2403, 24.6119



0.1055, 0.1216, 0.3108

Previews

White Background



This preview shows how the XYZ color 24.2065, 24.9558, 20.9939 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 24.2065, 24.9558, 20.9939 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 24.2065, 24.9558, 20.9939

Background



This preview shows how black text looks on a background with the XYZ color 24.2065, 24.9558, 20.9939.



This preview shows how white text looks on a background with the XYZ color 24.2065, 24.9558,

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

24.2065, 24.9558, 20.9939

Protanopia

23.6635, 25.0870, 21.3644

Deuteranopia

25.3517, 24.9265, 21.2444



Tritanopia

25.8962, 25.0348, 29.0585

Trichromacy



Original Color

24.2065, 24.9558, 20.9939

Protanomaly

23.8714, 24.9841, 21.3336

Deuteranomaly

24.9146, 24.9034, 21.2630

Tritanomaly

25.2683, 24.9803, 26.0442

Monochromacy



Original Color

24.2065, 24.9558, 20.9939

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

23.8179, 24.8827, 24.6666

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.2065, 24.9558, 20.9939 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(148, 135, 119)` looks like.

```
.text, #text, p{  
    color:rgb(148, 135, 119)  
}
```

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(148, 135, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 135, 119) }
```

Border

The CSS property to change the border of an element to XYZ 24.2065, 24.9558, 20.9939 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(148, 135, 119) }
```


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

```
.border{ border-color:rgb(148, 135, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 135, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 135, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 135, 119);  
box-shadow:4px 4px 4px 4px rgb(148, 135,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 24.2065, 24.9558, 20.9939 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 135, 119) }
```

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

```
.background{ background-color: rgb(148,  
135, 119) }
```

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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