

Converting Colors

XYZ(25.0665, 24.5815, 20.7888)

Have a look what the booklet for
XYZ(25.0665, 24.5815, 20.7888)
contains.

XYZ(25.1564, 24.6324, 20.8814)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(25.1564, 24.6324,
20.8814)**

Conversions

Conversions Part 1

Format	Color
Hex	9C8377
RGB	156, 131, 119
RGB Percent	61%, 51%, 47%
CMY	0.3882, 0.4863, 0.5333
CMYK	0.00, 0.16, 0.24, 0.39
HSL	19°, 16%, 54%
HSV	19°, 24%, 61%
XYZ	25.1564, 24.6324, 20.8814
YIQ	137.1070, 18.7520, 1.5680

Conversions

Conversions Part 2

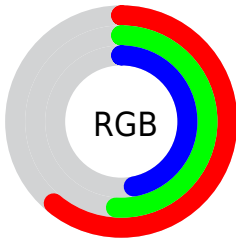
Format	Color
R_{YB}	156, 137, 119
Decimal	10257271
CIE _{Lab}	56.72, 7.60, 10.04
CIE _{LCh}	57, 12.587, 52.875
Yxy	24.6324, 0.3560, 0.3486
Android (android.graphics.Color)	4288447351 (0xFF9C8377)
YUV	137.1070, -8.9268, 16.5692
Hunter-Lab	49.6310, 3.6217, 9.7965

Details

The XYZ color **25.1564, 24.6324, 20.8814** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.5816, 26.2682, 35.2801**, and the grayscale version is **23.8466, 25.0884, 27.3213**.

A 20% lighter version of the original color is **51.3551, 51.0701, 45.6789**, and **9.8635, 9.4326, 7.2620** is the 20% darker color. If you saturate the color by 10%, you get **22.9512, 21.6002, 15.8973**, and if you desaturate by 10%, it is **27.6607, 28.0164, 26.7245**.

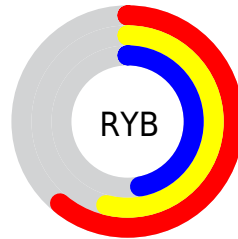
Distribution



Red (61%)

Green (51%)

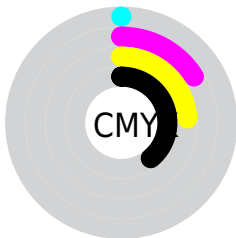
Blue (47%)



Red (61%)

Yellow (54%)

Blue (47%)

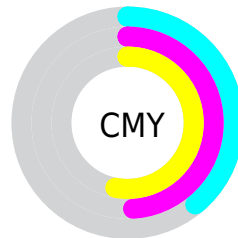


Cyan (0%)

Magenta (16%)

Yellow (24%)

Black (39%)



Cyan (39%)

Magenta (49%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.1564, 24.6324, 20.8814 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 25.1564, 24.6324, 20.8814 by changing the saturation by 10% instead.

■ 25.1564, 24.6324,
20.8814

■ 25.1564, 24.6324,
20.8814

270.9492,
276.0023, 269.4078

■ 16.3230, 15.8034,
12.8469

■ 51.3519, 51.0602,
45.7683

■ 9.8453, 9.3851,
7.1937

■ 69.4447, 69.4279,
63.4578

■ 5.3580, 4.9932,
3.5033

■ 91.3546, 91.7438,
85.2027

■ 2.4957, 2.2433,
1.3570

117.4471,
118.3925, 111.4217

■ 0.8931, 0.7434,
0.1078

148.0874,
149.7583, 142.5331

■ 0.0000, 0.0000,
0.0000

183.6410,

186.2256, 178.9556

224.4731,
228.1788, 221.1076

■ 25.1564, 24.6324,
20.8814

■ 25.1564, 24.6324,
20.8814

■ 22.9512, 21.6002,
15.8973

■ 27.6607, 28.0164,
26.7245

■ 21.0315, 18.9049,
11.7299

■ 30.4733, 31.7597,
33.4633

■ 19.3851, 16.5354,
8.3352

■ 33.6053, 35.8742,
41.1341

■ 17.9986, 14.4786,
5.6649

■ 37.0667, 40.3697,
49.7708

■ 16.8569, 12.7206,
3.6647

■ 40.8670, 45.2560,
59.4055

■ 15.9433, 11.2461,
2.2729

■ 45.0154, 50.5424,
70.0689

■ 15.2385, 10.0383,
1.4159

■ 49.5206, 56.2378,
81.7905

■ 14.8771, 9.4014,
1.0305

■ 54.3911, 62.3510,
94.5982

■ 58.9182, 68.6036,
104.7442

Harmonies

Analogous

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



26.1086, 24.6324, 23.8013



25.1564, 24.6324, 20.8814



23.7640, 24.6324, 19.5767

Triad

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



25.1564, 24.6324, 20.8814



20.7235, 24.6324, 25.8309



24.5260, 24.6324, 34.9731

Complementary

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



25.1564, 24.6324, 20.8814



23.5816, 26.2682, 35.2801

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.



23.0642, 24.6324, 35.6614



25.1564, 24.6324, 20.8814



20.9085, 24.6324, 30.0848

Square

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



25.1564, 24.6324, 20.8814



21.2346, 24.6324, 22.2343



21.7508, 24.6324, 33.7908



25.7341, 24.6324, 31.9976

Rectangle

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



25.1564, 24.6324, 20.8814



22.7894, 24.6324, 19.6910



21.7508, 24.6324, 33.7908



24.0465, 24.6324, 35.4916

Sweetspot

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



25.1571, 24.6335, 20.8819



53.5358, 55.2835, 56.4040



25.3632, 22.2842, 29.4640



11.7201, 12.0850, 12.2670



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.



25.1571, 24.6335, 20.8819



43.6881, 41.9985, 33.3583



27.8221, 29.9636, 21.7703



6.8000, 6.9800, 6.9745



12.2828, 7.8012, 0.8584



0.2558, 0.2118, 0.0274

Inverse Universe

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



23.5816, 26.2682, 35.2801



40.3577, 45.4466, 63.7717



21.0420, 21.1889, 34.4336



6.6403, 7.1464, 8.4361



9.1692, 10.4299, 27.4371



0.2006, 0.2598, 0.5028

Previews

White Background



This preview shows how the XYZ color 25.1564, 24.6324, 20.8814 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 25.1564, 24.6324, 20.8814 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 25.1564, 24.6324, 20.8814

Background



This preview shows how black text looks on a background with the XYZ color 25.1564, 24.6324, 20.8814.



This preview shows how white text looks on a background with the XYZ color 25.1564, 24.6324,

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

25.1564, 24.6324, 20.8814

Protanopia

23.4107, 24.7396, 21.6305

Deuteranopia

25.1564, 24.6324, 20.8814



Tritanopia

26.4072, 24.5424, 27.3901

Trichromacy



Original Color

25.1564, 24.6324, 20.8814

Protanomaly

23.9479, 24.6093, 21.2572

Deuteranomaly

25.1564, 24.6324, 20.8814

Tritanomaly

25.8516, 24.5073, 24.8406

Monochromacy



Original Color

25.1564, 24.6324, 20.8814

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

24.1948, 24.8689, 24.6441

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.1564, 24.6324, 20.8814 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(156, 131, 119)` looks like.

```
.text, #text, p{  
    color:rgb(156, 131, 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(156, 131, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 131, 119) }
```

Border

The CSS property to change the border of an element to XYZ 25.1564, 24.6324, 20.8814 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(156, 131, 119) }
```


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

```
.border{ border-color:rgb(156, 131, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 131, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 131, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 131, 119);  
box-shadow:4px 4px 4px 4px rgb(156, 131,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 25.1564, 24.6324, 20.8814 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 131, 119) }
```

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

```
.background{ background-color: rgb(156,  
131, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor