

Converting Colors

XYZ(24.7902, 25.6197, 25.0456)

Have a look what the booklet for
XYZ(24.7902, 25.6197, 25.0456)
contains.

XYZ(24.7194, 25.5498, 25.1015)	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(24.7194, 25.5498,
25.1015)**

Conversions

Conversions Part 1

Format	Color
Hex	918983
RGB	145, 137, 131
RGB Percent	57%, 54%, 51%
CMY	0.4314, 0.4627, 0.4863
CMYK	0.00, 0.06, 0.10, 0.43
HSL	26°, 6%, 54%
HSV	26°, 10%, 57%
XYZ	24.7194, 25.5498, 25.1015
YIQ	138.7080, 6.6940, -0.1700

Conversions

Conversions Part 2

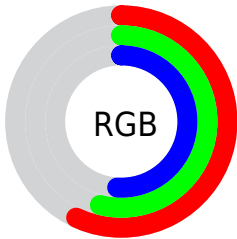
Format	Color
R _Y B	145, 142, 131
Decimal	9537923
CIE Lab	57.61, 1.88, 4.28
CIE LCh	58, 4.672, 66.223
Yxy	25.5498, 0.3280, 0.3390
Android (android.graphics.Color)	4287728003 (0xFF918983)
YUV	138.7080, -3.8000, 5.5181
Hunter-Lab	50.5468, -1.1633, 5.9394

Details

The XYZ color **24.7194, 25.5498, 25.1015** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.7033, 25.3342, 30.4288**, and the grayscale version is **24.4413, 25.7141, 28.0027**.

A 20% lighter version of the original color is **50.6184, 52.4297, 52.7995**, and **9.6505, 9.8585, 9.3769** is the 20% darker color. If you saturate the color by 10%, you get **22.6723, 22.9197, 19.9052**, and if you desaturate by 10%, it is **26.9958, 28.4180, 31.0535**.

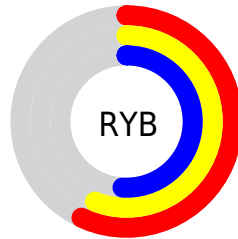
Distribution



Red (57%)

Green (54%)

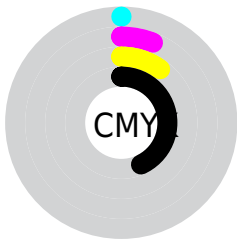
Blue (51%)



Red (57%)

Yellow (56%)

Blue (51%)

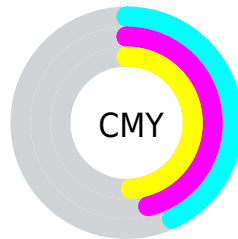


Cyan (0%)

Magenta (6%)

Yellow (10%)

Black (43%)



Cyan (43%)

Magenta (46%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.7194, 25.5498, 25.1015 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 24.7194, 25.5498, 25.1015 by changing the saturation by 10% instead.

■ 24.7194, 25.5498,
25.1015

■ 24.7194, 25.5498,
25.1015

268.8111,
280.5650, 291.8069

■ 15.9957, 16.4871,
15.9330

■ 50.6478, 52.5478,
52.7880

■ 9.6120, 9.8695,
9.3229

■ 68.5833, 71.2519,
72.1431

■ 5.2027, 5.3125,
4.8527

■ 90.3201, 93.9386,
95.7307

■ 2.4027, 2.4318,
2.1039

116.2235,
120.9923, 123.9695

■ 0.8464, 0.8422,
0.6181

146.6590,
152.7974, 157.2780

■ 0.0000, 0.0000,
0.0000

181.9919,

189.7383, 196.0747

222.5874,
232.1994, 240.7781

■ 24.7194, 25.5498,
25.1015

■ 24.7194, 25.5498,
25.1015

■ 22.6723, 22.9197,
19.9052

■ 26.9958, 28.4180,
31.0535

■ 20.8448, 20.5179,
15.4324

■ 29.5069, 31.5269,
37.7883

■ 19.2294, 18.3391,
11.6508

■ 32.2601, 34.8835,
45.3339

■ 17.8174, 16.3762,
8.5254

■ 35.2622, 38.4934,
53.7162

■ 16.5994, 14.6219,
6.0176

■ 38.5196, 42.3619,
62.9600

■ 15.5651, 13.0683,
4.0850

■ 42.0384, 46.4944,
73.0891

■ 14.7031, 11.7069,
2.6799

■ 45.8246, 50.8958,
84.1264

■ 14.0004, 10.5284,
1.7463

■ 49.8838, 55.5712,
96.0938

■ 13.4277, 9.5167,
1.1436

■ 53.1569, 60.0995,
103.4064

Harmonies

Analogous

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



25.1601, 25.5498, 26.0431



24.7194, 25.5498, 25.1015



24.1682, 25.5498, 24.8756

Triad

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



24.7194, 25.5498, 25.1015



23.2334, 25.5498, 28.1538



24.9238, 25.5498, 30.3722

Complementary

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



24.7194, 25.5498, 25.1015



23.7033, 25.3342, 30.4288

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.



24.4008, 25.5498, 30.9867



24.7194, 25.5498, 25.1015



23.4291, 25.5498, 29.6747

Square

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



24.7194, 25.5498, 25.1015



23.3158, 25.5498, 26.5990



23.8544, 25.5498, 30.7267



25.2793, 25.5498, 29.0765

Rectangle

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



24.7194, 25.5498, 25.1015



23.8134, 25.5498, 25.1533



23.8544, 25.5498, 30.7267



24.7614, 25.5498, 30.6675

Sweetspot

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



24.7201, 25.5509, 25.1020



46.9099, 49.0944, 51.8248



24.4660, 24.1216, 27.8566



10.3662, 10.8343, 11.3468



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



24.7201, 25.5509, 25.1020



43.2795, 44.4946, 42.4106



25.7219, 27.5546, 25.4360



5.5871, 5.7806, 5.7107



11.5265, 8.1847, 0.9723



0.1314, 0.1206, 0.0163

Inverse Universe

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



23.7033, 25.3342, 30.4288



41.0085, 44.0104, 54.3070



22.7451, 23.4178, 30.1094



5.3692, 5.7341, 6.8526



7.0514, 7.0889, 23.9737



0.0893, 0.1116, 0.2365

Previews

White Background



This preview shows how the XYZ color 24.7194, 25.5498, 25.1015 looks on a white background.

Color Contrast Check

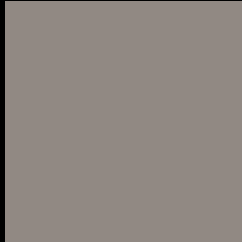
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.7194, 25.5498, 25.1015 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

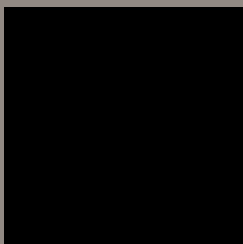
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

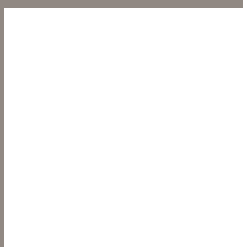
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.7194, 25.5498, 25.1015

Background



This preview shows how black text looks on a background with the XYZ color 24.7194, 25.5498, 25.1015.



This preview shows how white text looks on a background with the XYZ color 24.7194, 25.5498,

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

24.7194, 25.5498, 25.1015

Protanopia

24.3405, 25.5664, 25.1247

Deuteranopia

26.0164, 25.5862, 25.3972



Tritanopia

25.8074, 25.5753, 30.3644

Trichromacy



Original Color

24.7194, 25.5498, 25.1015

Protanomaly

24.5129, 25.6553, 25.1327

Deuteranomaly

25.5913, 25.5732, 25.4171

Tritanomaly

25.3918, 25.6128, 28.4164

Monochromacy



Original Color

24.7194, 25.5498, 25.1015

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

24.5169, 25.6173, 26.9450

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.7194, 25.5498, 25.1015 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(145, 137, 131)` looks like.

```
.text, #text, p{  
    color:rgb(145, 137, 131)  
}
```

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(145, 137, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 137, 131) }
```

Border

The CSS property to change the border of an element to XYZ 24.7194, 25.5498, 25.1015 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(145, 137, 131) }
```


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

```
.border{ border-color:rgb(145, 137, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 137, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 137, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 137, 131);  
box-shadow:4px 4px 4px 4px rgb(145, 137,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 24.7194, 25.5498, 25.1015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 137, 131) }
```

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

```
.background{ background-color: rgb(145,  
137, 131) }
```

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