

Converting Colors

XYZ(24.8229, 25.4513, 15.1296)

Have a look what the booklet for
XYZ(24.8229, 25.4513, 15.1296)
contains.

XYZ(24.7732, 25.3779, 15.1480)	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(24.7732, 25.3779,
15.1480)**

Conversions

Conversions Part 1

Format	Color
Hex	9D8762
RGB	157, 135, 98
RGB Percent	62%, 53%, 38%
CMY	0.3843, 0.4706, 0.6157
CMYK	0.00, 0.14, 0.38, 0.38
HSL	38°, 23%, 50%
HSV	38°, 38%, 62%
XYZ	24.7732, 25.3779, 15.1480
YIQ	137.3600, 24.9890, -6.8430

Conversions

Conversions Part 2

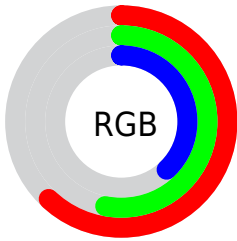
Format	Color
R_{YB}	133, 157, 98
Decimal	10323810
CIE _{Lab}	57.44, 2.83, 22.99
CIE _{LCh}	57, 23.165, 82.988
Yxy	25.3779, 0.3794, 0.3886
Android (android.graphics.Color)	4288513890 (0xFF9D8762)
YUV	137.3600, -19.4045, 17.2243
Hunter-Lab	50.3765, -0.3795, 17.4353

Details

The XYZ color **24.7732, 25.3779, 15.1480** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **17.8390, 18.4633, 34.5218**, and the grayscale version is **23.9793, 25.2281, 27.4734**.

A 20% lighter version of the original color is **50.5594, 52.1334, 35.8318**, and **9.5550, 9.6791, 4.4966** is the 20% darker color. If you saturate the color by 10%, you get **23.3093, 23.5222, 11.3546**, and if you desaturate by 10%, it is **26.4288, 27.3839, 19.7233**.

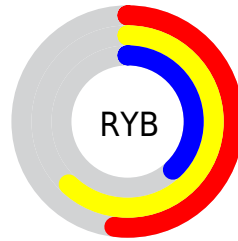
Distribution



Red (62%)

Green (53%)

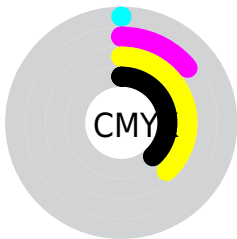
Blue (38%)



Red (52%)

Yellow (62%)

Blue (38%)

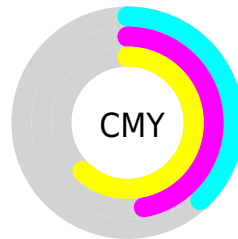


Cyan (0%)

Magenta (14%)

Yellow (38%)

Black (38%)



Cyan (38%)

Magenta (47%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.7732, 25.3779, 15.1480 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 24.7732, 25.3779, 15.1480 by changing the saturation by 10% instead.

■ 24.7732, 25.3779,
15.1480

■ 24.7732, 25.3779,
15.1480

269.0751,
279.7147, 235.9318

■ 16.0360, 16.3588,
8.7755

■ 50.7346, 52.2696,
35.8586

■ 9.6406, 9.7784,
4.5003

■ 68.6895, 70.9111,
51.0338

■ 5.2218, 5.2523,
1.9036

■ 90.4477, 93.5288,
69.9803

■ 2.4141, 2.3960,
0.4950

■ 116.3745,
120.5071, 93.1167

■ 0.8521, 0.8239,
0.0000

146.8353,
152.2305, 120.8615

■ 0.0000, 0.0000,
0.0000

182.1954,

189.0833, 153.6333

222.8202,
231.4499, 191.8506

■ 24.7732, 25.3779,
15.1480

■ 24.7732, 25.3779,
15.1480

■ 23.3093, 23.5222,
11.3546

■ 26.4288, 27.3839,
19.7233

■ 22.0258, 21.8085,
8.2963

■ 28.2826, 29.5413,
25.1204

■ 20.9132, 20.2327,
5.9236

■ 30.3432, 31.8555,
31.3785

■ 19.9602, 18.7890,
4.1804

■ 32.6183, 34.3306,
38.5337

■ 19.1536, 17.4710,
3.0015

■ 35.1147, 36.9704,
46.6201

■ 18.4716, 16.2687,
2.2758

■ 37.8393, 39.7786,
55.6699

■ 18.3162, 15.9912,
2.1212

■ 40.7984, 42.7589,
65.7138

■ 43.9983, 45.9146,
76.7812

■ 47.4448, 49.2492,
88.9003

Harmonies

Analogous

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



27.4511, 25.3779, 17.2055



24.7732, 25.3779, 15.1480



22.1115, 25.3779, 15.8905

Triad

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



24.7732, 25.3779, 15.1480



19.5672, 25.3779, 33.9879



28.6011, 25.3779, 37.8038

Complementary

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



24.7732, 25.3779, 15.1480



17.8390, 18.4633, 34.5218

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.



26.2486, 25.3779, 44.0764



24.7732, 25.3779, 15.1480



21.0716, 25.3779, 41.5968

Square

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



24.7732, 25.3779, 15.1480



19.2377, 25.3779, 25.8218



23.4802, 25.3779, 45.5824



29.7675, 25.3779, 29.5253

Rectangle

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



24.7732, 25.3779, 15.1480



20.6876, 25.3779, 17.9571



23.4802, 25.3779, 45.5824



27.9146, 25.3779, 40.2764

Sweetspot

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



24.7738, 25.3791, 15.1485



52.9574, 55.5115, 51.9416



21.7002, 17.2748, 20.1570



11.5517, 12.1015, 11.1210



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.



24.7738, 25.3791, 15.1485



42.1703, 42.6770, 21.4026



26.8608, 31.4909, 16.2182



6.9621, 7.3043, 7.0286



14.9124, 13.0604, 1.7349



0.3061, 0.3124, 0.0442

Inverse Universe

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



17.8390, 18.4633, 34.5218



27.9511, 28.5065, 61.1559



16.2657, 14.1662, 33.7753



6.4772, 6.8202, 8.3817



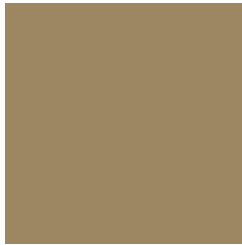
6.2268, 4.5451, 26.4563



0.1503, 0.1592, 0.4860

Previews

White Background



This preview shows how the XYZ color 24.7732, 25.3779, 15.1480 looks on a white background.

Color Contrast Check

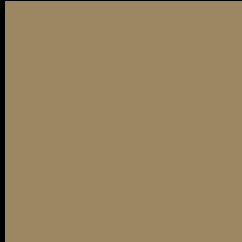
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.7732, 25.3779, 15.1480 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

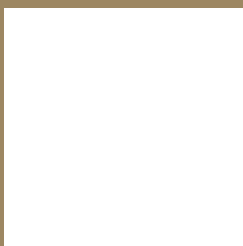
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.7732, 25.3779, 15.1480

Background



This preview shows how black text looks on a background with the XYZ color 24.7732, 25.3779, 15.1480.



This preview shows how white text looks on a background with the XYZ color 24.7732, 25.3779,

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

24.7732, 25.3779, 15.1480

Protanopia

23.7350, 25.4674, 15.4691

Deuteranopia

25.8132, 25.2959, 15.3265



Tritanopia

27.4142, 25.4358, 28.2757

Trichromacy



Original Color

24.7732, 25.3779, 15.1480

Protanomaly

24.1467, 25.4676, 15.4474

Deuteranomaly

25.3376, 25.2530, 15.3433

Tritanomaly

26.4501, 25.4568, 22.9216

Monochromacy



Original Color

24.7732, 25.3779, 15.1480

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

23.8809, 24.9677, 22.2995

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.7732, 25.3779, 15.1480 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(157, 135, 98)` looks like.

```
.text, #text, p{  
    color:rgb(157, 135, 98)  
}
```

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(157, 135, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 135, 98) }
```

Border

The CSS property to change the border of an element to XYZ 24.7732, 25.3779, 15.1480 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(157, 135, 98) }
```


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

```
.border{ border-color:rgb(157, 135, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 135, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 135, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 135, 98);  
box-shadow:4px 4px 4px 4px rgb(157, 135,  
98) }
```

Background

The CSS property to change the background color of an element to XYZ 24.7732, 25.3779, 15.1480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 135, 98) }
```

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

```
.background{ background-color: rgb(157,  
135, 98) }
```

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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