

Converting Colors

XYZ(24.4202, 26.6546, 13.7715)

Have a look what the booklet for
XYZ(24.4202, 26.6546, 13.7715)
contains.

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Color

**XYZ(24.5102, 26.7767,
13.7741)**

Conversions

Conversions Part 1

Format	Color
Hex	988E5B
RGB	152, 142, 91
RGB Percent	60%, 56%, 36%
CMY	0.4039, 0.4431, 0.6431
CMYK	0.00, 0.07, 0.40, 0.40
HSL	50°, 25%, 48%
HSV	50°, 40%, 60%
XYZ	24.5102, 26.7767, 13.7741
YIQ	139.1760, 22.3310, -13.7410

Conversions

Conversions Part 2

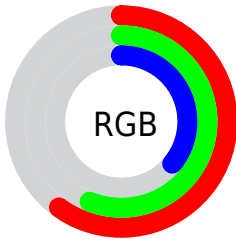
Format	Color
RYB	103, 152, 91
Decimal	9997915
CIELab	58.77, -4.02, 28.51
CIElCh	59, 28.791, 98.023
Yxy	26.7767, 0.3767, 0.4116
Android (android.graphics.Color)	4288187995 (0xFF988E5B)
YUV	139.1760, -23.7508, 11.2466
Hunter-Lab	51.7462, -6.0072, 20.4402

Details

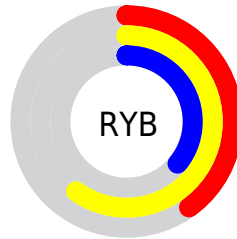
The XYZ color **24.5102, 26.7767, 13.7741** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **14.6354, 13.7981, 31.5977**, and the grayscale version is **24.6916, 25.9775, 28.2895**.

A 20% lighter version of the original color is **50.3545, 54.6982, 33.4950**, and **9.5373, 10.5455, 3.9157** is the 20% darker color. If you saturate the color by 10%, you get **23.5536, 25.8086, 10.5415**, and if you desaturate by 10%, it is **25.6093, 27.8169, 17.7101**.

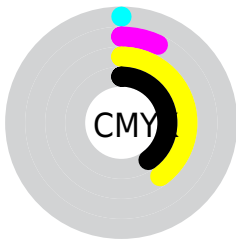
Distribution



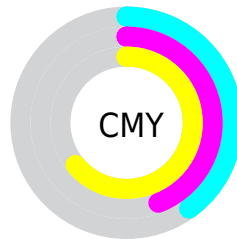
- Red (60%)
- Green (56%)
- Blue (36%)



- Red (40%)
- Yellow (60%)
- Blue (36%)



- Cyan (0%)
- Magenta (7%)
- Yellow (40%)
- Black (40%)



- Cyan (40%)
- Magenta (44%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.5102, 26.7767, 13.7741 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 24.5102, 26.7767, 13.7741 by changing the saturation by 10% instead.

■ 24.5102, 26.7767,
13.7741

■ 24.5102, 26.7767,
13.7741

267.7827,
286.5743, 227.2003

■ 15.8393, 17.4056,
7.8268

■ 50.3101, 54.5253,
33.3990

■ 9.5006, 10.5241,
3.8981

■ 68.1699, 73.6716,
47.9136

■ 5.1289, 5.7478,
1.5696

■ 89.8233, 96.8451,
66.1211

■ 2.3586, 2.6923,
0.2690

■ 115.6357,
124.4302, 88.4400

■ 0.8244, 0.9733,
0.0000

145.9725,
156.8113, 115.2888

■ 0.0000, 0.0000,
0.0000

181.1990,

194.3727, 147.0861

221.6807,
237.4989, 184.2504

■ 24.5102, 26.7767,
13.7741

■ 24.5102, 26.7767,
13.7741

■ 23.5536, 25.8086,
10.5415

■ 25.6093, 27.8169,
17.7101

■ 22.7293, 24.9057,
7.9681

■ 26.8562, 28.9287,
22.3868

■ 22.0290, 24.0654,
6.0074

■ 28.2587, 30.1161,
27.8409

■ 21.4426, 23.2837,
4.6059

■ 29.8231, 31.3818,
34.1060

■ 20.9580, 22.5556,
3.7011

■ 31.5555, 32.7282,
41.2139

■ 20.5501, 21.8777,
3.1397

■ 33.4616, 34.1579,
49.1947

■ 35.5469, 35.6729,
58.0768

■ 37.8167, 37.2756,
67.8876

■ 40.2760, 38.9679,
78.6531

Harmonies

Analogous

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



28.0894, 26.7767, 14.5327



24.5102, 26.7767, 13.7741



21.4758, 26.7767, 16.3151

Triad

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



24.5102, 26.7767, 13.7741



20.4464, 26.7767, 42.9200



32.3144, 26.7767, 37.0939

Complementary

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



24.5102, 26.7767, 13.7741



14.6354, 13.7981, 31.5977

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.



29.8876, 26.7767, 47.4106



24.5102, 26.7767, 13.7741



22.9822, 26.7767, 51.2820

Square

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



24.5102, 26.7767, 13.7741



19.2760, 26.7767, 31.9678



26.4144, 26.7767, 53.0926



32.8199, 26.7767, 26.5127

Rectangle

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



24.5102, 26.7767, 13.7741



20.0918, 26.7767, 19.9854



26.4144, 26.7767, 53.0926



31.6861, 26.7767, 40.7724

Sweetspot

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



24.5109, 26.7779, 13.7747



49.3356, 52.7060, 47.0007



19.0473, 15.1007, 14.2659



11.1459, 11.9229, 10.4184



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



24.5109, 26.7779, 13.7747



41.7641, 45.7533, 19.2270



22.5804, 28.0905, 14.1298



6.6227, 7.0505, 6.6177



17.2498, 18.3821, 2.6389



0.2781, 0.3153, 0.0462

Inverse Universe

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



14.6354, 13.7981, 31.5977



21.9199, 19.6826, 55.0775



16.0064, 13.1506, 31.4004



5.9622, 6.1818, 7.8079



5.0581, 2.5130, 25.1262



0.0937, 0.0738, 0.3817

Previews

White Background



This preview shows how the XYZ color 24.5102, 26.7767, 13.7741 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 24.5102, 26.7767, 13.7741 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

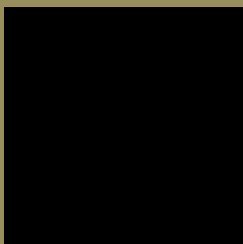
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

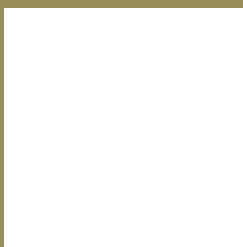
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.5102, 26.7767, 13.7741

Background



This preview shows how black text looks on a background with the XYZ color 24.5102, 26.7767, 13.7741.



This preview shows how white text looks on a background with the XYZ color 24.5102, 26.7767,

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

24.5102, 26.7767, 13.7741

Protanopia

24.7396, 26.6751, 13.7424

Deuteranopia

27.1733, 26.6467, 13.8364



Tritanopia

27.9528, 26.6724, 30.8691

Trichromacy



Original Color

24.5102, 26.7767, 13.7741

Protanomaly

24.5501, 26.5774, 13.7336

Deuteranomaly

26.1245, 26.7362, 13.9089

Tritanomaly

26.5647, 26.7512, 23.5021

Monochromacy



Original Color

24.5102, 26.7767, 13.7741

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

24.3925, 26.0906, 22.1627

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.5102, 26.7767, 13.7741 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(152, 142, 91)` looks like.

```
.text, #text, p{  
    color:rgb(152, 142, 91)  
}
```

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(152, 142, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 142, 91) }
```

Border

The CSS property to change the border of an element to XYZ 24.5102, 26.7767, 13.7741 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(152, 142, 91) }
```


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

```
.border{ border-color:rgb(152, 142, 91) }
```

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

Here you see how a box with a 4 pixel rgb(152, 142, 91) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 142, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 142, 91);  
box-shadow:4px 4px 4px 4px rgb(152, 142,  
91) }
```

Background

The CSS property to change the background color of an element to XYZ 24.5102, 26.7767, 13.7741 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 142, 91) }
```

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

```
.background{ background-color: rgb(152,  
142, 91) }
```

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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