

Converting Colors

XYZ(24.8060, 26.7394, 21.6428)

Have a look what the booklet for
XYZ(24.8060, 26.7394, 21.6428)
contains.

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Color

**XYZ(24.7402, 26.7218,
21.6232)**

Conversions

Conversions Part 1

Format	Color
Hex	918E78
RGB	145, 142, 120
RGB Percent	57%, 56%, 47%
CMY	0.4314, 0.4431, 0.5294
CMYK	0.00, 0.02, 0.17, 0.43
HSL	53°, 10%, 52%
HSV	53°, 17%, 57%
XYZ	24.7402, 26.7218, 21.6232
YIQ	140.3890, 8.8500, -6.2060

Conversions

Conversions Part 2

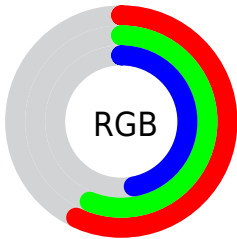
Format	Color
R_{YB}	123, 145, 120
Decimal	9539192
CIE _{Lab}	58.72, -2.81, 12.14
CIE _{LCh}	59, 12.455, 103.019
Yxy	26.7218, 0.3385, 0.3656
Android (android.graphics.Color)	4287729272 (0xFF918E78)
YUV	140.3890, -10.0518, 4.0438
Hunter-Lab	51.6931, -5.0333, 11.3842

Details

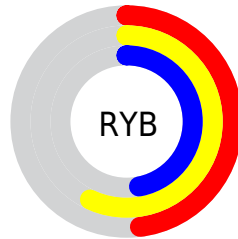
The XYZ color **24.7402, 26.7218, 21.6232** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **19.9395, 20.2029, 29.6368**, and the grayscale version is **25.1147, 26.4226, 28.7743**.

A 20% lighter version of the original color is **50.7395, 54.6005, 46.8944**, and **9.5806, 10.4889, 7.4808** is the 20% darker color. If you saturate the color by 10%, you get **23.6697, 25.8839, 17.2486**, and if you desaturate by 10%, it is **25.9494, 27.6234, 26.7022**.

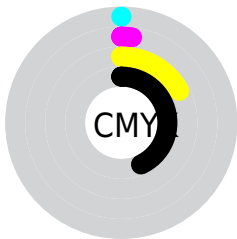
Distribution



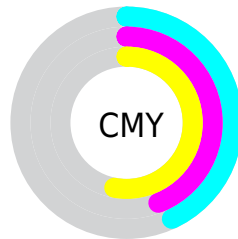
- Red (57%)
- Green (56%)
- Blue (47%)



- Red (48%)
- Yellow (57%)
- Blue (47%)



- Cyan (0%)
- Magenta (2%)
- Yellow (17%)
- Black (43%)



- Cyan (43%)
- Magenta (44%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.7402, 26.7218, 21.6232 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 24.7402, 26.7218, 21.6232 by changing the saturation by 10% instead.

■ 24.7402, 26.7218,
21.6232

■ 24.7402, 26.7218,
21.6232

268.9132,
286.3076, 273.4612

■ 16.0113, 17.3644,
13.3846

■ 50.6814, 54.4371,
47.0166

■ 9.6230, 10.4946,
7.5601

■ 68.6244, 73.5638,
65.0085

■ 5.2101, 5.7281,
3.7311

■ 90.3694, 96.7158,
87.0887

■ 2.4071, 2.6805,
1.4790

116.2819,
124.2773, 113.6755

■ 0.8486, 0.9673,
0.2022

146.7272,
156.6329, 145.1877

■ 0.0000, 0.0000,
0.0000

182.0706,

194.1668, 182.0436

222.6775,
237.2636, 224.6620

■ 24.7402, 26.7218,
21.6232

■ 24.7402, 26.7218,
21.6232

■ 23.6697, 25.8839,
17.2486

■ 25.9494, 27.6234,
26.7022

■ 22.7298, 25.1038,
13.5453

■ 27.3009, 28.5875,
32.5134

■ 21.9149, 24.3801,
10.4800

■ 28.8006, 29.6174,
39.0851

■ 21.2178, 23.7099,
8.0158

■ 30.4536, 30.7152,
46.4438

■ 20.6309, 23.0901,
6.1121

■ 32.2647, 31.8827,
54.6144

■ 20.1454, 22.5171,
4.7234

■ 34.2383, 33.1219,
63.6210

■ 19.7514, 21.9871,
3.7969

■ 36.3789, 34.4345,
73.4866

■ 19.4311, 21.4927,
3.2393

■ 38.6908, 35.8222,
84.2332

■ 19.3467, 21.3590,
3.1030

■ 41.1779, 37.2867,
95.8821

Harmonies

Analogous

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



26.2687, 26.7218, 21.7473



24.7402, 26.7218, 21.6232



23.4404, 26.7218, 23.3511

Triad

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



24.7402, 26.7218, 21.6232



23.3041, 26.7218, 35.2414



28.3221, 26.7218, 31.6306

Complementary

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



24.7402, 26.7218, 21.6232



19.9395, 20.2029, 29.6368

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.



27.4622, 26.7218, 35.7123



24.7402, 26.7218, 21.6232



24.5473, 26.7218, 37.9364

Square

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



24.7402, 26.7218, 21.6232



22.6340, 26.7218, 31.0384



26.0679, 26.7218, 38.1170



28.3789, 26.7218, 27.2354

Rectangle

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



24.7402, 26.7218, 21.6232



22.8617, 26.7218, 25.4320



26.0679, 26.7218, 38.1170



28.1159, 26.7218, 33.0949

Sweetspot

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



24.7409, 26.7230, 21.6238



46.9667, 49.8285, 49.9309



21.9899, 20.8915, 21.7223



10.4158, 11.0614, 10.9690



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.



24.7409, 26.7230, 21.6238



43.4727, 47.2130, 35.2861



23.6421, 26.8273, 21.7018



5.7852, 6.1766, 5.7767



16.6067, 18.3451, 2.6657



0.1688, 0.1955, 0.0288

Inverse Universe

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



19.9395, 20.2029, 29.6368



33.0869, 33.1104, 52.6206



20.9062, 20.1579, 29.5772



5.1785, 5.3527, 6.7890



4.5720, 2.1300, 23.1472



0.0519, 0.0367, 0.2240

Previews

White Background



This preview shows how the XYZ color 24.7402, 26.7218, 21.6232 looks on a white background.

Color Contrast Check

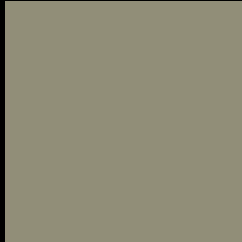
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.7402, 26.7218, 21.6232 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

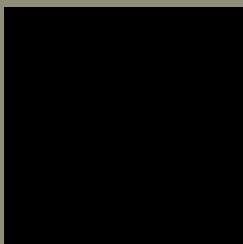
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.7402, 26.7218, 21.6232

Background



This preview shows how black text looks on a background with the XYZ color 24.7402, 26.7218, 21.6232.



This preview shows how white text looks on a background with the XYZ color 24.7402, 26.7218,

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

24.7402, 26.7218, 21.6232

Protanopia

25.2491, 26.7712, 21.2894

Deuteranopia

27.1556, 26.6702, 21.8058



Tritanopia

26.9077, 26.7364, 32.1762

Trichromacy



Original Color

24.7402, 26.7218, 21.6232

Protanomaly

25.0674, 26.6776, 21.2809

Deuteranomaly

26.2500, 26.6254, 21.8448

Tritanomaly

26.0328, 26.5961, 27.8062

Monochromacy



Original Color

24.7402, 26.7218, 21.6232

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

24.9138, 26.4940, 25.9911

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.7402, 26.7218, 21.6232 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, 142, 120)` looks like.

```
.text, #text, p{  
    color:rgb(145, 142, 120)  
}
```

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, 142, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 142, 120) }
```

Border

The CSS property to change the border of an element to XYZ 24.7402, 26.7218, 21.6232 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, 142, 120) }
```


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

```
.border{ border-color:rgb(145, 142, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 142, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 142, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 142, 120);  
box-shadow:4px 4px 4px 4px rgb(145, 142,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 24.7402, 26.7218, 21.6232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 142, 120) }
```

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

```
.background{ background-color: rgb(145,  
142, 120) }
```

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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