

Converting Colors

XYZ(24.6612, 24.8483, 21.5348)

Have a look what the booklet for
XYZ(24.6612, 24.8483, 21.5348)
contains.

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Color

**XYZ(24.6012, 24.7348,
21.5668)**

Conversions

Conversions Part 1

Format	Color
Hex	978579
RGB	151, 133, 121
RGB Percent	59%, 52%, 47%
CMY	0.4078, 0.4784, 0.5255
CMYK	0.00, 0.12, 0.20, 0.41
HSL	24°, 13%, 53%
HSV	24°, 20%, 59%
XYZ	24.6012, 24.7348, 21.5668
YIQ	137.0140, 14.5800, 0.0840

Conversions

Conversions Part 2

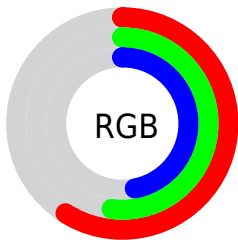
Format	Color
R_{YB}	151, 141, 121
Decimal	9930105
CIE Lab	56.82, 4.78, 8.96
CIE LCh	57, 10.158, 61.904
Yxy	24.7348, 0.3470, 0.3489
Android (android.graphics.Color)	4288120185 (0xFF978579)
YUV	137.0140, -7.8949, 12.2657
Hunter-Lab	49.7341, 1.2612, 9.1032

Details

The XYZ color **24.6012, 24.7348, 21.5668** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **22.7035, 24.7640, 32.8617**, and the grayscale version is **23.8087, 25.0486, 27.2779**.

A 20% lighter version of the original color is **50.2786, 51.1141, 46.7512**, and **9.5956, 9.5179, 7.4623** is the 20% darker color. If you saturate the color by 10%, you get **22.5597, 22.0194, 16.6698**, and if you desaturate by 10%, it is **26.8960, 27.7243, 27.2640**.

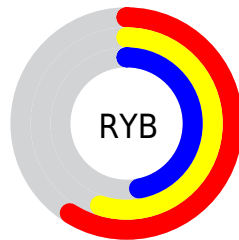
Distribution



Red (59%)

Green (52%)

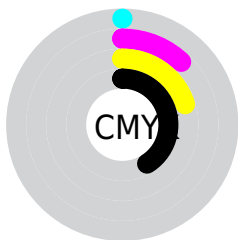
Blue (47%)



Red (59%)

Yellow (55%)

Blue (47%)

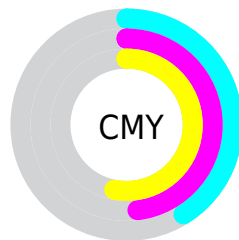


Cyan (0%)

Magenta (12%)

Yellow (20%)

Black (41%)



Cyan (41%)

Magenta (48%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.6012, 24.7348, 21.5668 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 24.6012, 24.7348, 21.5668 by changing the saturation by 10% instead.

■ 24.6012, 24.7348,
21.5668

■ 24.6012, 24.7348,
21.5668

268.2304,
276.5146, 273.1549

■ 15.9073, 15.8796,
13.3437

■ 50.4571, 51.2267,
46.9219

■ 9.5490, 9.4390,
7.5321

■ 68.3498, 69.6321,
64.8910

■ 5.1610, 5.0286,
3.7136

■ 90.0395, 91.9897,
86.9458

■ 2.3777, 2.2641,
1.4696

115.8916,
118.6840, 113.5049

■ 0.8340, 0.7546,
0.1951

146.2713,
150.0992, 144.9868

■ 0.0000, 0.0000,
0.0000

181.5442,

186.6198, 181.8101

222.0754,
228.6301, 224.3933

■ 24.6012, 24.7348,
21.5668

■ 24.6012, 24.7348,
21.5668

■ 22.5597, 22.0194,
16.6698

■ 26.8960, 27.7243,
27.2640

■ 20.7601, 19.5669,
12.5352

■ 29.4509, 30.9924,
33.7937

■ 19.1930, 17.3696,
9.1242

■ 32.2751, 34.5474,
41.1886

■ 17.8476, 15.4188,
6.3942

■ 35.3766, 38.3966,
49.4789

■ 16.7120, 13.7048,
4.2979

■ 38.7630, 42.5467,
58.6935

■ 15.7730, 12.2171,
2.7821

■ 42.4418, 47.0042,
68.8598

■ 15.0158, 10.9444,
1.7843

■ 46.4199, 51.7757,
80.0042

■ 14.4077, 9.8679,
1.1511

■ 50.7042, 56.8672,
92.1521

■ 14.4003, 9.8547,
1.1432

■ 54.9937, 62.1616,
103.7077

Harmonies

Analogous

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



25.5013, 24.7348, 23.6227



24.6012, 24.7348, 21.5668



23.4339, 24.7348, 20.9123

Triad

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



24.6012, 24.7348, 21.5668



21.3013, 24.7348, 27.1497



24.7368, 24.7348, 32.8718

Complementary

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



24.6012, 24.7348, 21.5668



22.7035, 24.7640, 32.8617

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.



23.5856, 24.7348, 34.0084



24.6012, 24.7348, 21.5668



21.6246, 24.7348, 30.5368

Square

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



24.6012, 24.7348, 21.5668



21.5529, 24.7348, 23.9690



22.4509, 24.7348, 33.1205



25.5814, 24.7348, 30.1297

Rectangle

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



24.6012, 24.7348, 21.5668



22.6684, 24.7348, 21.3104



22.4509, 24.7348, 33.1205



24.3716, 24.7348, 33.4643

Sweetspot

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



24.6019, 24.7359, 21.5673



49.8261, 51.7842, 53.0300



24.2603, 22.1184, 27.4170



11.2650, 11.6932, 11.9008



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.



24.6019, 24.7359, 21.5673



42.3164, 41.9948, 34.4039



26.8038, 29.1398, 22.3013



6.4015, 6.6081, 6.5439



12.2771, 8.4366, 0.9813



0.2177, 0.1944, 0.0261

Inverse Universe

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



22.7035, 24.7640, 32.8617



38.2597, 42.0529, 58.5342



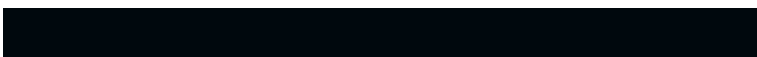
20.6790, 20.7149, 32.1868



6.1771, 6.6115, 7.8796



7.9330, 8.2627, 26.0844



0.1541, 0.1945, 0.4018

Previews

White Background



This preview shows how the XYZ color 24.6012, 24.7348, 21.5668 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 24.6012, 24.7348, 21.5668 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 24.6012, 24.7348, 21.5668

Background



This preview shows how black text looks on a background with the XYZ color 24.6012, 24.7348, 21.5668.



This preview shows how white text looks on a background with the XYZ color 24.6012, 24.7348,

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

24.6012, 24.7348, 21.5668

Protanopia

23.5346, 24.7892, 22.2833

Deuteranopia

25.0851, 24.5816, 21.5118



Tritanopia

25.8531, 24.6310, 28.2026

Trichromacy



Original Color

24.6012, 24.7348, 21.5668

Protanomaly

23.8539, 24.7528, 21.9329

Deuteranomaly

25.0289, 24.7530, 21.5478

Tritanomaly

25.2988, 24.6015, 25.6055

Monochromacy



Original Color

24.6012, 24.7348, 21.5668

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

24.0562, 24.9978, 25.0299

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.6012, 24.7348, 21.5668 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(151, 133, 121)` looks like.

```
.text, #text, p{  
    color:rgb(151, 133, 121)  
}
```

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(151, 133, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 133, 121) }
```

Border

The CSS property to change the border of an element to XYZ 24.6012, 24.7348, 21.5668 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(151, 133, 121) }
```


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

```
.border{ border-color:rgb(151, 133, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 133, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 133, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 133, 121);  
box-shadow:4px 4px 4px 4px rgb(151, 133,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 24.6012, 24.7348, 21.5668 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 133, 121) }
```

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

```
.background{ background-color: rgb(151,  
133, 121) }
```

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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