

Converting Colors

XYZ(23.9687, 24.5721, 20.7190)

Have a look what the booklet for
XYZ(23.9687, 24.5721, 20.7190)
contains.

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Color

**XYZ(24.0079, 24.6541,
20.6329)**

Conversions

Conversions Part 1

Format	Color
Hex	948676
RGB	148, 134, 118
RGB Percent	58%, 53%, 46%
CMY	0.4196, 0.4745, 0.5373
CMYK	0.00, 0.09, 0.20, 0.42
HSL	32°, 12%, 52%
HSV	32°, 20%, 58%
XYZ	24.0079, 24.6541, 20.6329
YIQ	136.3620, 13.4800, -2.0080

Conversions

Conversions Part 2

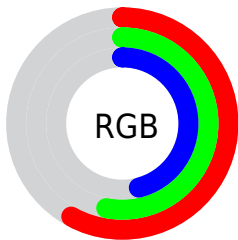
Format	Color
RYB	144, 148, 118
Decimal	9733750
CIELab	56.74, 2.54, 10.53
CIELCh	57, 10.835, 76.424
Yxy	24.6541, 0.3465, 0.3558
Android (android.graphics.Color)	4287923830 (0xFF948676)
YUV	136.3620, -9.0525, 10.2065
Hunter-Lab	49.6529, -0.5852, 10.1195

Details

The XYZ color **24.0079, 24.6541, 20.6329** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **21.0677, 22.4918, 31.2482**, and the grayscale version is **23.5674, 24.7948, 27.0015**.

A 20% lighter version of the original color is **49.3831, 50.9995, 45.2713**, and **9.2056, 9.3242, 7.1089** is the 20% darker color. If you saturate the color by 10%, you get **22.2732, 22.4834, 16.0507**, and if you desaturate by 10%, it is **25.9442, 27.0069, 25.9638**.

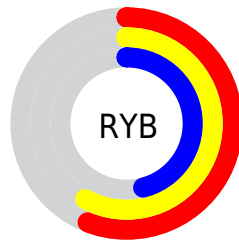
Distribution



Red (58%)

Green (53%)

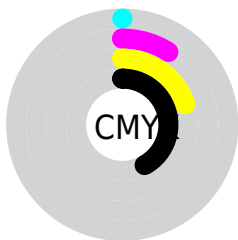
Blue (46%)



Red (56%)

Yellow (58%)

Blue (46%)

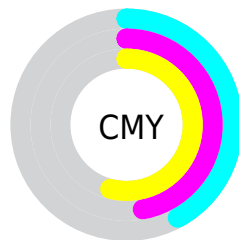


Cyan (0%)

Magenta (9%)

Yellow (20%)

Black (42%)



Cyan (42%)

Magenta (47%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.0079, 24.6541, 20.6329 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 24.0079, 24.6541, 20.6329 by changing the saturation by 10% instead.

■ 24.0079, 24.6541,
20.6329

■ 24.0079, 24.6541,
20.6329

265.3001,
276.1109, 268.0377

■ 15.4642, 15.8195,
12.6673

■ 49.4977, 51.0955,
45.3486

■ 9.2343, 9.3965,
7.0718

■ 67.1745, 69.4712,
62.9358

■ 4.9526, 5.0007,
3.4279

■ 88.6264, 91.7959,
84.5673

■ 2.2540, 2.2477,
1.3171

114.2188,
118.4543, 110.6616

■ 0.7710, 0.7458,
0.0757

144.3171,
149.8305, 141.6372

■ 0.0000, 0.0000,
0.0000

179.2864,

186.3091, 177.9128

219.4924,
228.2745, 219.9068

■ 24.0079, 24.6541,
20.6329

■ 24.0079, 24.6541,
20.6329

■ 22.2732, 22.4834,
16.0507

■ 25.9442, 27.0069,
25.9638

■ 20.7307, 20.4866,
12.1815

■ 28.0875, 29.5431,
32.0738

■ 19.3728, 18.6596,
8.9889

■ 30.4449, 32.2684,
38.9935

■ 18.1907, 16.9967,
6.4326

■ 33.0232, 35.1871,
46.7516

■ 17.1747, 15.4921,
4.4680

■ 35.8282, 38.3033,
55.3749

■ 16.3140, 14.1394,
3.0448

■ 38.8660, 41.6211,
64.8896

■ 15.5961, 12.9312,
2.1038

■ 42.1422, 45.1443,
75.3202

■ 15.0051, 11.8803,
1.5023

■ 45.6623, 48.8768,
86.6907

■ 49.4315, 52.8221,
99.0240

Harmonies

Analogous

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



25.1478, 24.6541, 22.1124



24.0079, 24.6541, 20.6329



22.7528, 24.6541, 20.7081

Triad

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



24.0079, 24.6541, 20.6329



21.1791, 24.6541, 28.8598



25.2374, 24.6541, 31.9315

Complementary

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



24.0079, 24.6541, 20.6329



21.0677, 22.4918, 31.2482

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.



24.1266, 24.6541, 34.0863



24.0079, 24.6541, 20.6329



21.7979, 24.6541, 32.2068

Square

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



24.0079, 24.6541, 20.6329



21.1499, 24.6541, 25.2438



22.8673, 24.6541, 34.1914



25.8748, 24.6541, 28.5107

Rectangle

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



24.0079, 24.6541, 20.6329



22.0199, 24.6541, 21.6258



22.8673, 24.6541, 34.1914



24.9053, 24.6541, 32.8409

Sweetspot

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



24.0086, 24.6552, 20.6334



47.3011, 49.4690, 50.1154



22.8564, 20.9191, 24.6632



10.7488, 11.2345, 11.3009



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



24.0086, 24.6552, 20.6334



41.0303, 41.8513, 32.8454



25.8929, 28.6912, 21.3131



6.0416, 6.2969, 6.1375



12.8441, 10.2025, 1.2923



0.1867, 0.1839, 0.0257

Inverse Universe

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



21.0677, 22.4918, 31.2482



34.9462, 37.3759, 54.8070



19.4318, 19.0173, 30.6638



5.7092, 6.0523, 7.3370



6.4131, 5.5210, 24.6587



0.1075, 0.1257, 0.3115

Previews

White Background



This preview shows how the XYZ color 24.0079, 24.6541, 20.6329 looks on a white background.

Color Contrast Check

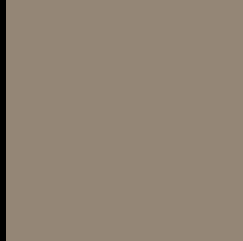
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.0079, 24.6541, 20.6329 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

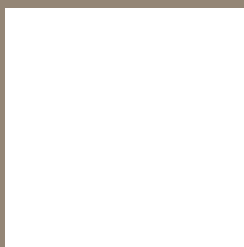
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.0079, 24.6541, 20.6329

Background



This preview shows how black text looks on a background with the XYZ color 24.0079, 24.6541, 20.6329.



This preview shows how white text looks on a background with the XYZ color 24.0079, 24.6541,

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

24.0079, 24.6541, 20.6329

Protanopia

23.4616, 24.7799, 20.9992

Deuteranopia

25.1564, 24.6324, 20.8814



Tritanopia

25.6865, 24.7350, 28.6198

Trichromacy



Original Color

24.0079, 24.6541, 20.6329

Protanomaly

23.6708, 24.6796, 20.9688

Deuteranomaly

24.7179, 24.6067, 20.8996

Tritanomaly

25.0626, 24.6800, 25.6331

Monochromacy



Original Color

24.0079, 24.6541, 20.6329

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

23.4416, 24.4884, 24.2601

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.0079, 24.6541, 20.6329 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(148, 134, 118)` looks like.

```
.text, #text, p{  
    color:rgb(148, 134, 118)  
}
```

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(148, 134, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 134, 118) }
```

Border

The CSS property to change the border of an element to XYZ 24.0079, 24.6541, 20.6329 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(148, 134, 118) }
```


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

```
.border{ border-color:rgb(148, 134, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 134, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 134, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 134, 118);  
box-shadow:4px 4px 4px 4px rgb(148, 134,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 24.0079, 24.6541, 20.6329 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 134, 118) }
```

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

```
.background{ background-color: rgb(148,  
134, 118) }
```

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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