

Converting Colors

XYZ(24.1656, 20.5075, 20.1805)

Have a look what the booklet for
XYZ(24.1656, 20.5075, 20.1805)
contains.

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Color

**XYZ(24.1185, 20.4873,
20.1360)**

Conversions

Conversions Part 1

Format	Color
Hex	A36F77
RGB	163, 111, 119
RGB Percent	64%, 44%, 47%
CMY	0.3608, 0.5647, 0.5333
CMYK	0.00, 0.32, 0.27, 0.36
HSL	351°, 22%, 54%
HSV	351°, 32%, 64%
XYZ	24.1185, 20.4873, 20.1360
YIQ	127.4600, 28.4240, 13.5120

Conversions

Conversions Part 2

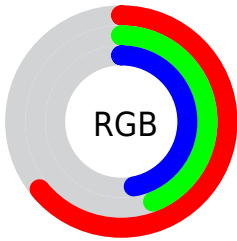
Format	Color
R_{YB}	163, 111, 119
Decimal	10710903
CIE _{Lab}	52.38, 21.79, 3.96
CIE _{LCh}	52, 22.148, 10.291
Yxy	20.4873, 0.3725, 0.3164
Android (android.graphics.Color)	4288900983 (0xFFA36F77)
YUV	127.4600, -4.1708, 31.1686
Hunter-Lab	45.2629, 15.9043, 5.3078

Details

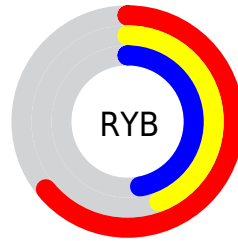
The XYZ color **24.1185, 20.4873, 20.1360** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **25.5701, 31.9410, 35.8296**, and the grayscale version is **20.3386, 21.3978, 23.3022**.

A 20% lighter version of the original color is **49.6613, 44.1947, 44.4411**, and **9.2904, 7.2152, 6.8642** is the 20% darker color. If you saturate the color by 10%, you get **21.7304, 16.9420, 15.5454**, and if you desaturate by 10%, it is **26.9525, 24.7318, 25.4689**.

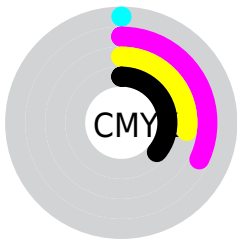
Distribution



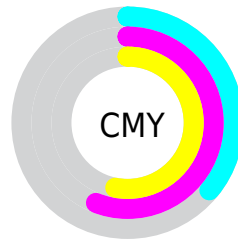
- Red (64%)
- Green (44%)
- Blue (47%)



- Red (64%)
- Yellow (44%)
- Blue (47%)



- Cyan (0%)
- Magenta (32%)
- Yellow (27%)
- Black (36%)





- Cyan (36%)
- Magenta (56%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.1185, 20.4873, 20.1360 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 24.1185, 20.4873, 20.1360 by changing the saturation by 10% instead.


 24.1185, 20.4873,
20.1360


 24.1185, 20.4873,
20.1360


265.8484,
254.5411, 265.2790


 15.5468, 12.7498,
12.3089


 49.6768, 44.2327,
44.5070


 9.2928, 7.2565,
6.8293


 67.3940, 61.0093,
61.8881

 4.9913, 3.6230,
3.2788


 88.8905, 81.5678,
83.2908

 2.2769, 1.4650,
1.2387

 114.5315,
106.2924, 109.1337

 0.7828, 0.2639,
0.0107

144.6825,
135.5677, 139.8355

 0.0000, 0.0000,
0.0000

179.7087,

169.7780, 175.8146

219.9755,
209.3076, 217.4896

■ 24.1185, 20.4873,
20.1360

■ 24.1185, 20.4873,
20.1360

■ 21.7304, 16.9420,
15.5454

■ 26.9525, 24.7318,
25.4689

■ 19.7638, 14.0554,
11.6628

■ 30.2519, 29.7070,
31.5738

■ 18.1942, 11.7878,
8.4530

■ 34.0371, 35.4464,
38.4803

■ 16.9942, 10.0935,
5.8774

■ 38.3267, 41.9802,
46.2161

■ 16.1327, 8.9208,
3.8931

■ 43.1384, 49.3371,
54.8076

■ 15.5730, 8.2085,
2.4521

■ 48.4891, 57.5445,
64.2798

■ 15.2806, 7.8571,
1.6348

■ 54.3948, 66.6283,
74.6569

■ 60.8708, 76.6134,
85.9622

■ 67.0631, 85.7861,
97.9284

Harmonies

Analogous

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



23.9040, 20.4873, 26.8209



24.1185, 20.4873, 20.1360



23.0162, 20.4873, 15.1255

Triad

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



24.1185, 20.4873, 20.1360



16.7698, 20.4873, 14.0267



18.0294, 20.4873, 36.3578

Complementary

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



24.1185, 20.4873, 20.1360



25.5701, 31.9410, 35.8296

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.



16.3127, 20.4873, 31.4638



24.1185, 20.4873, 20.1360



15.6257, 20.4873, 18.3306

Square

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



24.1185, 20.4873, 20.1360



18.6989, 20.4873, 12.0837



15.4652, 20.4873, 24.6291



20.2673, 20.4873, 37.1027

Rectangle

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



24.1185, 20.4873, 20.1360



21.7300, 20.4873, 13.0732



15.4652, 20.4873, 24.6291



17.3772, 20.4873, 35.1039

Sweetspot

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



24.1191, 20.4883, 20.1364



55.2777, 54.8658, 58.5627



25.6860, 20.9170, 37.3342



12.2219, 12.0303, 12.7985



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



24.1191, 20.4883, 20.1364



40.1998, 32.2388, 30.3264



25.7369, 24.4606, 18.4050



7.1161, 7.1029, 7.5979



11.8871, 6.1109, 1.3301



0.2617, 0.1332, 0.0907

Inverse Universe

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



24.1191, 20.4883, 20.1364



40.1998, 32.2388, 30.3264



23.3948, 26.4798, 38.5287



7.1161, 7.1029, 7.5979



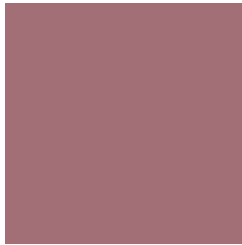
11.8871, 6.1109, 1.3301



0.2617, 0.1332, 0.0907

Previews

White Background



This preview shows how the XYZ color 24.1185, 20.4873, 20.1360 looks on a white background.

Color Contrast Check

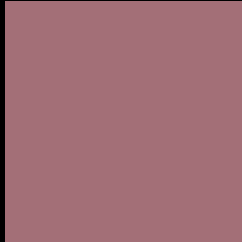
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.1185, 20.4873, 20.1360 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 24.1185, 20.4873, 20.1360

Background



This preview shows how black text looks on a background with the XYZ color 24.1185, 20.4873, 20.1360.



This preview shows how white text looks on a background with the XYZ color 24.1185, 20.4873,

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

24.1185, 20.4873, 20.1360

Protanopia

19.9168, 20.7116, 23.0267

Deuteranopia

20.8635, 20.5345, 19.6936



Tritanopia

24.1185, 20.4873, 20.1360

Trichromacy



Original Color

24.1185, 20.4873, 20.1360

Protanomaly

21.1698, 20.4636, 21.9029

Deuteranomaly

21.8440, 20.3265, 19.9116

Tritanomaly

24.1185, 20.4873, 20.1360

Monochromacy



Original Color

24.1185, 20.4873, 20.1360

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

21.2907, 20.7054, 21.9432

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.1185, 20.4873, 20.1360 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(163, 111, 119)` looks like.

```
.text, #text, p{  
    color:rgb(163, 111, 119)  
}
```

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(163, 111, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 111, 119) }
```

Border

The CSS property to change the border of an element to XYZ 24.1185, 20.4873, 20.1360 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(163, 111, 119) }
```


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

```
.border{ border-color:rgb(163, 111, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 111, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 111, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 111, 119);  
box-shadow:4px 4px 4px 4px rgb(163, 111,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 24.1185, 20.4873, 20.1360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 111, 119) }
```

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

```
.background{ background-color: rgb(163,  
111, 119) }
```

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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