

Converting Colors

XYZ(23.3832, 20.5534, 28.1712)

Have a look what the booklet for
XYZ(23.3832, 20.5534, 28.1712)
contains.

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Color

**XYZ(23.4076, 20.6040,
28.3344)**

Conversions

Conversions Part 1

Format	Color
Hex	95738E
RGB	149, 115, 142
RGB Percent	58%, 45%, 56%
CMY	0.4157, 0.5490, 0.4431
CMYK	0.00, 0.23, 0.05, 0.42
HSL	312°, 14%, 52%
HSV	312°, 23%, 58%
XYZ	23.4076, 20.6040, 28.3344
YIQ	128.2440, 11.5970, 15.6050

Conversions

Conversions Part 2

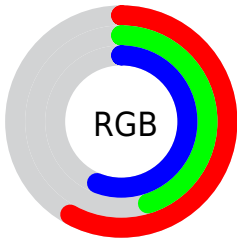
Format	Color
R_{YB}	149, 115, 142
Decimal	9794446
CIE _{Lab}	52.51, 18.09, -9.56
CIE _{LCh}	53, 20.462, 332.145
Yxy	20.6040, 0.3236, 0.2848
Android (android.graphics.Color)	4287984526 (0xFF95738E)
YUV	128.2440, 6.7817, 18.2030
Hunter-Lab	45.3916, 12.6137, -5.2359

Details

The XYZ color **23.4076, 20.6040, 28.3344** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **21.3313, 26.5454, 22.4130**, and the grayscale version is **20.5773, 21.6490, 23.5757**.

A 20% lighter version of the original color is **48.4111, 44.3195, 58.2275**, and **8.9759, 7.3837, 11.0773** is the 20% darker color. If you saturate the color by 10%, you get **21.6169, 17.3859, 26.6168**, and if you desaturate by 10%, it is **25.4805, 24.3757, 30.1778**.

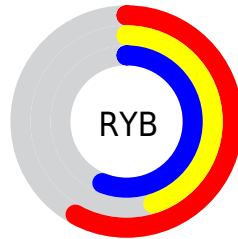
Distribution



Red (58%)

Green (45%)

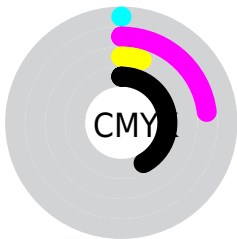
Blue (56%)



Red (58%)

Yellow (45%)

Blue (56%)

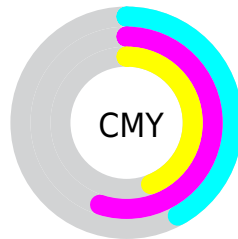


Cyan (0%)

Magenta (23%)

Yellow (5%)

Black (42%)



Cyan (42%)

Magenta (55%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.4076, 20.6040, 28.3344 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 23.4076, 20.6040, 28.3344 by changing the saturation by 10% instead.

■ 23.4076, 20.6040,
28.3344

■ 23.4076, 20.6040,
28.3344

262.3081,
255.1664, 308.0234

■ 15.0171, 12.8349,
18.3367

■ 48.5235, 44.4275,
58.0474

■ 8.9178, 7.3149,
11.0200

■ 65.9796, 61.2507,
78.5997

■ 4.7443, 3.6598,
5.9660

■ 87.1883, 81.8607,
103.5073

■ 2.1312, 1.4852,
2.7559

■ 112.5150,
106.6419, 133.1888

■ 0.7061, 0.2782,
0.9714

142.3249,
135.9786, 168.0625

■ 0.0000, 0.0000,
0.0000

176.9835,

170.2554, 208.5472

216.8561,
209.8565, 255.0613

■ 23.4076, 20.6040,
28.3344

■ 23.4076, 20.6040,
28.3344

■ 21.6169, 17.3859,
26.6168

■ 25.4805, 24.3757,
30.1778

■ 20.0934, 14.6924,
25.0191

■ 27.8461, 28.7229,
32.1501

■ 18.8233, 12.4958,
23.5366

■ 30.5166, 33.6696,
34.2558

■ 17.7911, 10.7649,
22.1640

■ 33.5030, 39.2377,
36.4988

■ 16.9791, 9.4648,
20.8950

■ 36.8156, 45.4479,
38.8828

■ 16.3676, 8.5559,
19.7229

■ 40.4645, 52.3200,
41.4113

■ 15.9330, 7.9911,
18.6395

■ 44.4591, 59.8729,
44.0878

■ 15.6837, 7.7053,
17.9005

■ 48.8085, 68.1247,
46.9155

■ 53.5215, 77.0930,
49.8976

Harmonies

Analogous

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



21.8302, 20.6040, 33.8242



23.4076, 20.6040, 28.3344



23.9396, 20.6040, 22.0008

Triad

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



23.4076, 20.6040, 28.3344



19.4315, 20.6040, 12.6843



16.3350, 20.6040, 29.2265

Complementary

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



23.4076, 20.6040, 28.3344



21.3313, 26.5454, 22.4130

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.



15.7907, 20.6040, 22.8734



23.4076, 20.6040, 28.3344



17.4964, 20.6040, 13.9399

Square

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



23.4076, 20.6040, 28.3344



21.5478, 20.6040, 13.6247



16.2003, 20.6040, 17.4159



17.7423, 20.6040, 34.4011

Rectangle

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



23.4076, 20.6040, 28.3344



23.6012, 20.6040, 18.3203



16.2003, 20.6040, 17.4159



16.0498, 20.6040, 27.1221

Sweetspot

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



23.4082, 20.6049, 28.3348



47.9701, 47.9419, 56.0195



19.5542, 18.5554, 30.9850



10.5832, 10.5371, 12.3751



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.



23.4082, 20.6049, 28.3348



40.3417, 34.0527, 49.2606



22.2403, 20.1378, 22.1848



5.9847, 5.8889, 7.0255



13.2107, 6.4893, 15.1226



0.1721, 0.0836, 0.2397

Inverse Universe

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



23.4082, 20.6049, 28.3348



40.3417, 34.0527, 49.2606



22.4640, 26.9985, 28.3774



5.9847, 5.8889, 7.0255



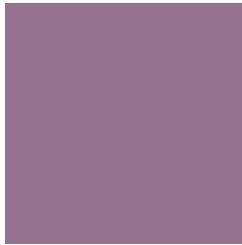
13.2107, 6.4893, 15.1226



0.1721, 0.0836, 0.2397

Previews

White Background



This preview shows how the XYZ color 23.4076, 20.6040, 28.3344 looks on a white background.

Color Contrast Check

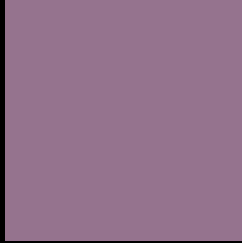
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.4076, 20.6040, 28.3344 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 23.4076, 20.6040, 28.3344

Background



This preview shows how black text looks on a background with the XYZ color 23.4076, 20.6040, 28.3344.



This preview shows how white text looks on a background with the XYZ color 23.4076, 20.6040,

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

23.4076, 20.6040, 28.3344

Protanopia

20.4381, 20.6184, 30.9195

Deuteranopia

21.1273, 20.6674, 28.0750



Tritanopia

22.3418, 20.6922, 22.8951

Trichromacy



Original Color

23.4076, 20.6040, 28.3344

Protanomaly

21.3858, 20.5754, 30.0384

Deuteranomaly

21.8858, 20.5200, 28.0066

Tritanomaly

22.7389, 20.6844, 24.6238

Monochromacy



Original Color

23.4076, 20.6040, 28.3344

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

21.4699, 21.0936, 25.1302

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.4076, 20.6040, 28.3344 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(149, 115, 142)` looks like.

```
.text, #text, p{  
    color:rgb(149, 115, 142)  
}
```

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(149, 115, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 115, 142) }
```

Border

The CSS property to change the border of an element to XYZ 23.4076, 20.6040, 28.3344 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(149, 115, 142) }
```


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

```
.border{ border-color:rgb(149, 115, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 115, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 115, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 115, 142);  
box-shadow:4px 4px 4px 4px rgb(149, 115,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 23.4076, 20.6040, 28.3344 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 115, 142) }
```

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

```
.background{ background-color: rgb(149,  
115, 142) }
```

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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