

Converting Colors

XYZ(20.4075, 16.0637, 20.1363)

Have a look what the booklet for
XYZ(20.4075, 16.0637, 20.1363)
contains.

XYZ(20.4028, 16.0613, 20.1140)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(20.4028, 16.0613,
20.1140)**

Conversions

Conversions Part 1

Format	Color
Hex	985E79
RGB	152, 94, 121
RGB Percent	60%, 37%, 47%
CMY	0.4039, 0.6314, 0.5255
CMYK	0.00, 0.38, 0.20, 0.40
HSL	332°, 24%, 48%
HSV	332°, 38%, 60%
XYZ	20.4028, 16.0613, 20.1140
YIQ	114.4200, 25.9010, 20.6930

Conversions

Conversions Part 2

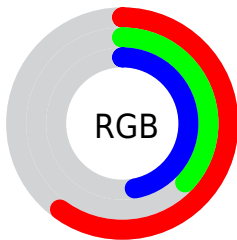
Format	Color
R_{YB}	152, 94, 121
Decimal	9985657
CIE _{Lab}	47.05, 27.59, -5.19
CIE _{LCh}	47, 28.074, 349.347
Yxy	16.0613, 0.3606, 0.2839
Android (android.graphics.Color)	4288175737 (0xFF985E79)
YUV	114.4200, 3.2439, 32.9577
Hunter-Lab	40.0766, 20.7396, -1.7034

Details

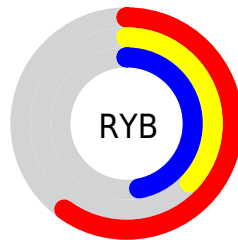
The XYZ color **20.4028, 16.0613, 20.1140** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **19.5467, 26.3173, 23.4528**, and the grayscale version is **16.1059, 16.9447, 18.4528**.

A 20% lighter version of the original color is **43.4004, 36.5333, 44.2994**, and **7.3252, 5.0877, 6.8993** is the 20% darker color. If you saturate the color by 10%, you get **18.7045, 13.4286, 17.1924**, and if you desaturate by 10%, it is **22.4102, 19.2446, 23.3460**.

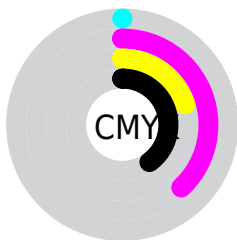
Distribution



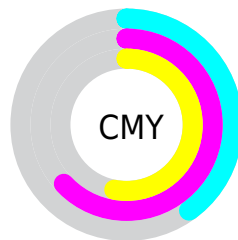
- Red (60%)
- Green (37%)
- Blue (47%)



- Red (60%)
- Yellow (37%)
- Blue (47%)



- Cyan (0%)
- Magenta (38%)
- Yellow (20%)
- Black (40%)



- Cyan (40%)
- Magenta (63%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.4028, 16.0613, 20.1140 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 20.4028, 16.0613, 20.1140 by changing the saturation by 10% instead.

■ 20.4028, 16.0613,
20.1140

■ 20.4028, 16.0613,
20.1140

246.8797,
229.7032, 265.1562

■ 12.7981, 9.5675,
12.2930

■ 43.5903, 36.7046,
44.4697

■ 7.3657, 5.1132,
6.8186

■ 59.9038, 51.6229,
61.8415

■ 3.7402, 2.3138,
3.2722

■ 79.8511, 70.1182,
83.2341

■ 1.5562, 0.7810,
1.2352

■ 103.7973, 92.5749,
109.0659

■ 0.3636, 0.0000,
0.0078

132.1079,
119.3773, 139.7554

■ 0.0000, 0.0000,
0.0000

165.1483,

150.9099, 175.7213

203.2837,
187.5571, 217.3821

■ 20.4028, 16.0613,
20.1140

■ 20.4028, 16.0613,
20.1140

■ 18.7045, 13.4286,
17.1924

■ 22.4102, 19.2446,
23.3460

■ 17.2972, 11.3125,
14.5696

■ 24.7407, 23.0056,
26.8976

■ 16.1628, 9.6787,
12.2346

■ 27.4091, 27.3720,
30.7784

■ 15.2808, 8.4874,
10.1749

■ 30.4288, 32.3694,
34.9977

■ 14.6273, 7.6930,
8.3768

■ 33.8127, 38.0217,
39.5641

■ 14.1574, 7.2075,
6.8193

■ 37.5726, 44.3516,
44.4859

■ 14.0784, 7.1272,
6.5537

■ 41.7201, 51.3808,
49.7711

■ 46.2662, 59.1297,
55.4276

■ 51.2215, 67.6183,
61.4627

Harmonies

Analogous

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



19.1434, 16.0613, 27.8825



20.4028, 16.0613, 20.1140



20.1784, 16.0613, 13.3727

Triad

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



20.4028, 16.0613, 20.1140



13.7516, 16.0613, 7.5666



12.3866, 16.0613, 29.9119

Complementary

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



20.4028, 16.0613, 20.1140



19.5467, 26.3173, 23.4528

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.



11.2232, 16.0613, 22.3713



20.4028, 16.0613, 20.1140



11.9507, 16.0613, 10.0633

Square

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



20.4028, 16.0613, 20.1140



16.1571, 16.0613, 7.2666



11.0727, 16.0613, 15.1012



14.4079, 16.0613, 34.4676

Rectangle

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



20.4028, 16.0613, 20.1140



19.2241, 16.0613, 10.2279



11.0727, 16.0613, 15.1012



11.8919, 16.0613, 27.5609

Sweetspot

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



20.4033, 16.0621, 20.1143



46.8742, 45.8406, 52.1689



18.1186, 14.6282, 31.5745



10.5199, 10.1994, 11.6635



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.



20.4033, 16.0621, 20.1143



33.3642, 24.2372, 30.9669



19.1467, 15.8380, 12.6385



6.3224, 6.2681, 7.0781



11.8198, 5.9822, 5.5761



0.1948, 0.0967, 0.1788

Inverse Universe

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



20.4033, 16.0621, 20.1143



33.3642, 24.2372, 30.9669



21.2011, 26.4810, 33.6999



6.3224, 6.2681, 7.0781



11.8198, 5.9822, 5.5761



0.1948, 0.0967, 0.1788

Previews

White Background



This preview shows how the XYZ color 20.4028, 16.0613, 20.1140 looks on a white background.

Color Contrast Check

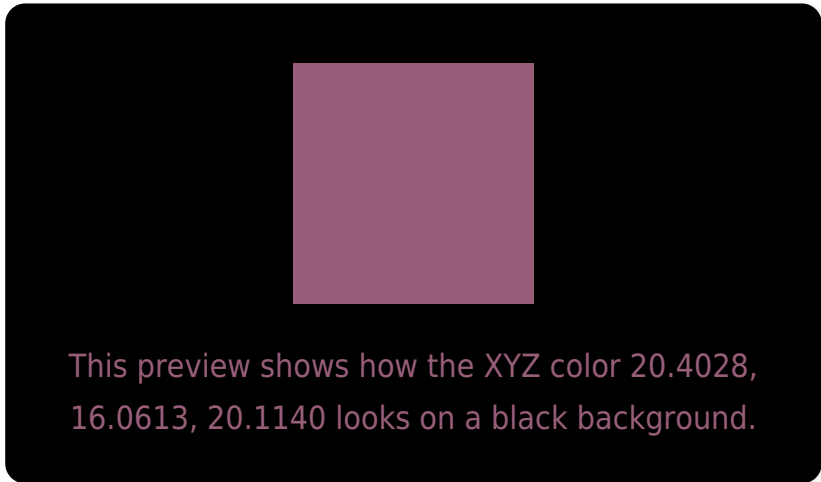
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

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

XYZ 20.4028, 16.0613, 20.1140

Background



This preview shows how black text looks on a background with the XYZ color 20.4028, 16.0613, 20.1140.



This preview shows how white text looks on a background with the XYZ color 20.4028, 16.0613,

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

20.4028, 16.0613, 20.1140

Protanopia

16.0336, 16.2230, 24.1161

Deuteranopia

16.4844, 16.2384, 19.4050



Tritanopia

19.3511, 16.0329, 15.1714

Trichromacy



Original Color

20.4028, 16.0613, 20.1140

Protanomaly

17.2600, 15.9467, 22.5904

Deuteranomaly

17.7958, 16.1381, 19.6298

Tritanomaly

19.7598, 16.0708, 16.8124

Monochromacy



Original Color

20.4028, 16.0613, 20.1140

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

17.3707, 16.3889, 19.0775

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.4028, 16.0613, 20.1140 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(152, 94, 121)` looks like.

```
.text, #text, p{  
    color:rgb(152, 94, 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(152, 94, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 94, 121) }
```

Border

The CSS property to change the border of an element to XYZ 20.4028, 16.0613, 20.1140 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(152, 94, 121) }
```


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

```
.border{ border-color:rgb(152, 94, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 94, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(152, 94, 121); -webkit-box-shadow:4px 4px 4px 4px rgb(152, 94, 121); box-shadow:4px 4px 4px 4px rgb(152, 94, 121) }
```

Background

The CSS property to change the background color of an element to XYZ 20.4028, 16.0613, 20.1140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 94, 121) }
```

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

```
.background{ background-color: rgb(152, 94,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor