

Converting Colors

XYZ(20.3463, 16.5376, 21.8584)

Have a look what the booklet for
XYZ(20.3463, 16.5376, 21.8584)
contains.

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Color

**XYZ(20.3463, 16.5376,
21.8584)**

Conversions

Conversions Part 1

Format	Color
Hex	94627E
RGB	148, 98, 126
RGB Percent	58%, 38%, 49%
CMY	0.4196, 0.6157, 0.5059
CMYK	0.00, 0.34, 0.15, 0.42
HSL	326°, 20%, 48%
HSV	326°, 34%, 58%
XYZ	20.3463, 16.5376, 21.8584
YIQ	116.1420, 20.8120, 19.3080

Conversions

Conversions Part 2

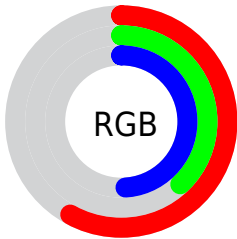
Format	Color
R_{YB}	148, 98, 126
Decimal	9724542
CIE _{Lab}	47.67, 24.65, -7.33
CIE _{LCh}	48, 25.719, 343.447
Yxy	16.5376, 0.3464, 0.2815
Android (android.graphics.Color)	4287914622 (0xFF94627E)
YUV	116.1420, 4.8600, 27.9395
Hunter-Lab	40.6664, 18.1411, -3.4021

Details

The XYZ color **20.3463, 16.5376, 21.8584** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **19.0177, 25.1330, 21.6192**, and the grayscale version is **16.6255, 17.4913, 19.0480**.

A 20% lighter version of the original color is **43.5127, 37.4461, 47.5823**, and **7.3040, 5.3038, 7.6600** is the 20% darker color. If you saturate the color by 10%, you get **18.6809, 13.8573, 19.2971**, and if you desaturate by 10%, it is **22.2961, 19.7425, 24.6499**.

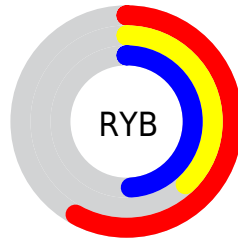
Distribution



Red (58%)

Green (38%)

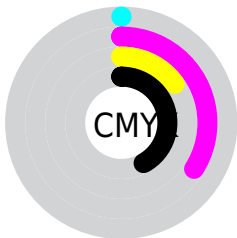
Blue (49%)



Red (58%)

Yellow (38%)

Blue (49%)

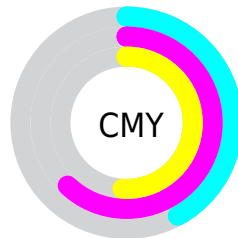


Cyan (0%)

Magenta (34%)

Yellow (15%)

Black (42%)



Cyan (42%)

Magenta (62%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.3463, 16.5376, 21.8584 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 20.3463, 16.5376, 21.8584 by changing the saturation by 10% instead.

■ 20.3463, 16.5376,
21.8584

■ 20.3463, 16.5376,
21.8584

246.5817,
232.4934, 274.7353

■ 12.7567, 9.9054,
13.5556

■ 43.4965, 37.5290,
47.4110

■ 7.3371, 5.3363,
7.6770

■ 59.7880, 52.6570,
65.4979

■ 3.7220, 2.4459,
3.8042

■ 79.7107, 71.3857,
87.6832

■ 1.5461, 0.8493,
1.5185

■ 103.6301, 94.0994,
114.3855

■ 0.3569, 0.0000,
0.2317

131.9116,
121.1827, 146.0233

■ 0.0000, 0.0000,
0.0000

164.9204,

153.0199, 183.0152

203.0220,
189.9953, 225.7797

■ 20.3463, 16.5376,
21.8584

■ 20.3463, 16.5376,
21.8584

■ 18.6809, 13.8573,
19.2971

■ 22.2961, 19.7425,
24.6499

■ 17.2837, 11.6709,
16.9575

■ 24.5425, 23.4959,
27.6775

■ 16.1393, 9.9478,
14.8319


■ 27.0984, 27.8233,
30.9482


■ 15.2298, 8.6533,
12.9118


■ 29.9759, 32.7475,
34.4683


■ 14.5348, 7.7475,
11.1875


■ 33.1862, 38.2905,
38.2439


 14.0300, 7.1827,
9.6480

 36.7399, 44.4728,
42.2807

 13.7694, 6.9186,
8.7684

 40.6473, 51.3141,
46.5844

 44.9182, 58.8333,
51.1604

 49.5619, 67.0485,
56.0139

Harmonies

Analogous

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



18.9574, 16.5376, 28.8464



20.3463, 16.5376, 21.8584



20.4200, 16.5376, 15.2211

Triad

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



20.3463, 16.5376, 21.8584



14.7131, 16.5376, 8.2894



12.7235, 16.5376, 28.1873

Complementary

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



20.3463, 16.5376, 21.8584



19.0177, 25.1330, 21.6192

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.



11.8004, 16.5376, 21.1129



20.3463, 16.5376, 21.8584



12.8712, 16.5376, 10.2926

Square

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



20.3463, 16.5376, 21.8584



17.0114, 16.5376, 8.3957



11.8517, 16.5376, 14.6362



14.4928, 16.5376, 33.0662

Rectangle

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



20.3463, 16.5376, 21.8584



19.7016, 16.5376, 11.8932



11.8517, 16.5376, 14.6362



12.3120, 16.5376, 25.9215

Sweetspot

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



20.3468, 16.5384, 21.8587



44.8551, 44.0735, 50.8524



17.4132, 14.8436, 29.9645



10.1114, 9.8447, 11.4429



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.



20.3468, 16.5384, 21.8587



33.5000, 25.3085, 34.9044



18.9463, 15.9782, 14.4841



5.9286, 5.8665, 6.7301



11.7751, 5.9151, 7.5625



0.1590, 0.0783, 0.1708

Inverse Universe

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



20.3468, 16.5384, 21.8587



33.5000, 25.3085, 34.9044



20.7126, 25.8109, 30.5441



5.9286, 5.8665, 6.7301



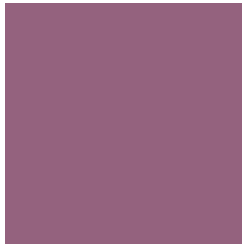
11.7751, 5.9151, 7.5625



0.1590, 0.0783, 0.1708

Previews

White Background



This preview shows how the XYZ color 20.3463, 16.5376, 21.8584 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



This preview shows how the XYZ color 20.3463, 16.5376, 21.8584 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

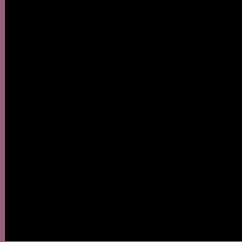
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 20.3463, 16.5376, 21.8584

Background



This preview shows how black text looks on a background with the XYZ color 20.3463, 16.5376, 21.8584.



This preview shows how white text looks on a background with the XYZ color 20.3463, 16.5376,

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

20.3463, 16.5376, 21.8584

Protanopia

16.4740, 16.5888, 25.2554

Deuteranopia

16.9597, 16.6002, 21.3791



Tritanopia

19.2681, 16.5225, 16.6416

Trichromacy



Original Color

20.3463, 16.5376, 21.8584

Protanomaly

17.5909, 16.3923, 24.0667

Deuteranomaly

18.0616, 16.5346, 21.6416

Tritanomaly

19.6843, 16.5552, 18.3777

Monochromacy



Original Color

20.3463, 16.5376, 21.8584

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

17.7609, 16.8825, 20.0919

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.3463, 16.5376, 21.8584 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, 98, 126)` looks like.

```
.text, #text, p{  
    color:rgb(148, 98, 126)  
}
```

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, 98, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 98, 126) }
```

Border

The CSS property to change the border of an element to XYZ 20.3463, 16.5376, 21.8584 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, 98, 126) }
```


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

```
.border{ border-color:rgb(148, 98, 126) }
```

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

Here you see how a box with a 4 pixel rgb(148, 98, 126) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 98, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 98, 126);  
box-shadow:4px 4px 4px 4px rgb(148, 98,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 20.3463, 16.5376, 21.8584 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 98, 126) }
```

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

```
.background{ background-color: rgb(148, 98,  
126) }
```

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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