

Converting Colors

XYZ(20.9414, 16.8219, 21.8139)

Have a look what the booklet for
XYZ(20.9414, 16.8219, 21.8139)
contains.

XYZ(20.8961, 16.8210, 21.8841)	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(20.8961, 16.8210,
21.8841)**

Conversions

Conversions Part 1

Format	Color
Hex	97627E
RGB	151, 98, 126
RGB Percent	59%, 38%, 49%
CMY	0.4078, 0.6157, 0.5059
CMYK	0.00, 0.35, 0.17, 0.41
HSL	328°, 21%, 49%
HSV	328°, 35%, 59%
XYZ	20.8961, 16.8210, 21.8841
YIQ	117.0390, 22.6000, 19.9440

Conversions

Conversions Part 2

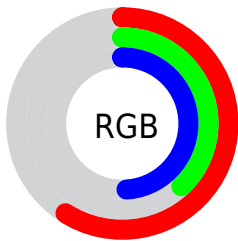
Format	Color
R_{YB}	151, 98, 126
Decimal	9921150
CIE Lab	48.03, 25.76, -6.75
CIE LCh	48, 26.634, 345.319
Yxy	16.8210, 0.3506, 0.2822
Android (android.graphics.Color)	4288111230 (0xFF97627E)
YUV	117.0390, 4.4178, 29.7838
Hunter-Lab	41.0134, 19.1713, -2.9268

Details

The XYZ color **20.8961, 16.8210, 21.8841** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **19.6795, 26.1605, 22.7523**, and the grayscale version is **16.9028, 17.7831, 19.3658**.

A 20% lighter version of the original color is **44.3377, 37.8714, 47.6209**, and **7.6257, 5.4697, 7.6750** is the 20% darker color. If you saturate the color by 10%, you get **19.1709, 14.0801, 19.1216**, and if you desaturate by 10%, it is **22.9215, 20.1096, 24.9086**.

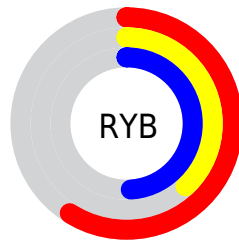
Distribution



Red (59%)

Green (38%)

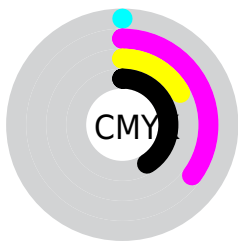
Blue (49%)



Red (59%)

Yellow (38%)

Blue (49%)

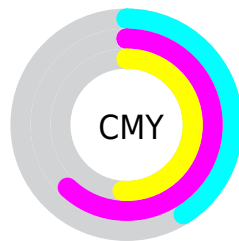


Cyan (0%)

Magenta (35%)

Yellow (17%)

Black (41%)



Cyan (41%)

Magenta (62%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.8961, 16.8210, 21.8841 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 20.8961, 16.8210, 21.8841 by changing the saturation by 10% instead.

■ 20.8961, 16.8210,
21.8841

■ 20.8961, 16.8210,
21.8841

249.4680,
234.1387, 274.8742

■ 13.1601, 10.1070,
13.5743

■ 44.4071, 38.0178,
47.4541

■ 7.6166, 5.4699,
7.6898

■ 60.9129, 53.2693,
65.5513

■ 3.9004, 2.5255,
3.8122

■ 81.0726, 72.1354,
87.7481

■ 1.6459, 0.8894,
1.5229

■ 105.2516, 95.0005,
114.4630

■ 0.4221, 0.0000,
0.2349

133.8153,
122.2489, 146.1145

■ 0.0000, 0.0000,
0.0000

167.1290,

154.2652, 183.1212

205.5581,
191.4337, 225.9015

■ 20.8961, 16.8210,
21.8841

■ 20.8961, 16.8210,
21.8841

■ 19.1709, 14.0801,
19.1216

■ 22.9215, 20.1096,
24.9086

■ 17.7289, 11.8543,
16.6114

■ 25.2603, 23.9716,
28.2021

■ 16.5532, 10.1110,
14.3447

■ 27.9263, 28.4338,
31.7726

■ 15.6246, 8.8130,
12.3115

■ 30.9324, 33.5207,
35.6274

■ 14.9212, 7.9174,
10.5008

■ 34.2905, 39.2551,
39.7734

■ 14.4145, 7.3687,
8.8994

■ 38.0121, 45.6592,
44.2175

■ 14.2021, 7.1552,
8.1775

■ 42.1081, 52.7537,
48.9660

■ 46.5888, 60.5586,
54.0252

■ 51.4643, 69.0929,
59.4011

Harmonies

Analogous

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



19.5098, 16.8210, 29.3063



20.8961, 16.8210, 21.8841



20.8801, 16.8210, 15.0316

Triad

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



20.8961, 16.8210, 21.8841



14.7959, 16.8210, 8.2747



12.9492, 16.8210, 29.4494

Complementary

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



20.8961, 16.8210, 21.8841



19.6795, 26.1605, 22.7523

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.



11.9265, 16.8210, 22.0452



20.8961, 16.8210, 21.8841



12.9175, 16.8210, 10.4863

Square

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



20.8961, 16.8210, 21.8841



17.1898, 16.8210, 8.2522



11.9155, 16.8210, 15.1571



14.8433, 16.8210, 34.3630

Rectangle

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



20.8961, 16.8210, 21.8841



20.0695, 16.8210, 11.6710



11.9155, 16.8210, 15.1571



12.5009, 16.8210, 27.0971

Sweetspot

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



20.8966, 16.8218, 21.8844



47.0179, 45.8981, 52.9255



18.0846, 15.1619, 31.2519



10.5559, 10.2138, 11.8528



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.



20.8966, 16.8218, 21.8844



34.9844, 26.2407, 35.3204



19.4198, 16.2311, 14.1077



6.3383, 6.2745, 7.1615



12.0965, 6.0928, 7.0331



0.1992, 0.0984, 0.2019

Inverse Universe

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



20.8966, 16.8218, 21.8844



34.9844, 26.2407, 35.3204



21.5477, 26.9078, 32.5899



6.3383, 6.2745, 7.1615



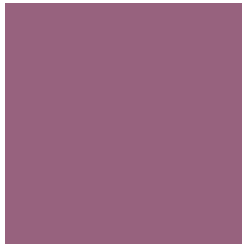
12.0965, 6.0928, 7.0331



0.1992, 0.0984, 0.2019

Previews

White Background



This preview shows how the XYZ color 20.8961, 16.8210, 21.8841 looks on a white background.

Color Contrast Check

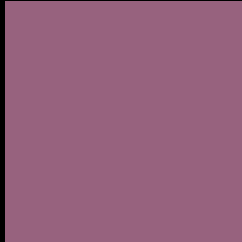
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.8961, 16.8210, 21.8841 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

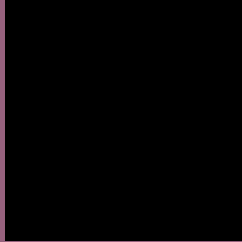
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 20.8961, 16.8210, 21.8841

Background



This preview shows how black text looks on a background with the XYZ color 20.8961, 16.8210, 21.8841.



This preview shows how white text looks on a background with the XYZ color 20.8961, 16.8210,

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

20.8961, 16.8210, 21.8841

Protanopia

16.7795, 16.9028, 25.6707

Deuteranopia

17.2077, 16.8891, 21.4218



Tritanopia

19.8084, 16.8010, 16.6669

Trichromacy



Original Color

20.8961, 16.8210, 21.8841

Protanomaly

17.9849, 16.7510, 24.1152

Deuteranomaly

18.3714, 16.6943, 21.6561

Tritanomaly

20.2294, 16.8362, 18.4032

Monochromacy



Original Color

20.8961, 16.8210, 21.8841

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

18.0194, 17.1751, 20.1347

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.8961, 16.8210, 21.8841 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(151, 98, 126)` looks like.

```
.text, #text, p{  
    color:rgb(151, 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(151, 98, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 98, 126) }
```

Border

The CSS property to change the border of an element to XYZ 20.8961, 16.8210, 21.8841 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(151, 98, 126) }
```


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

```
.border{ border-color:rgb(151, 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(151, 98, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 98, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 98, 126);  
box-shadow:4px 4px 4px 4px rgb(151, 98,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 20.8961, 16.8210, 21.8841 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 98, 126) }
```

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

```
.background{ background-color: rgb(151, 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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