

Converting Colors

XYZ(20.8469, 17.6122, 18.3325)

Have a look what the booklet for
XYZ(20.8469, 17.6122, 18.3325)
contains.

XYZ(20.8364, 17.5908, 18.2168)	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(20.8364, 17.5908,
18.2168)**

Conversions

Conversions Part 1

Format	Color
Hex	986772
RGB	152, 103, 114
RGB Percent	60%, 40%, 45%
CMY	0.4039, 0.5961, 0.5529
CMYK	0.00, 0.32, 0.25, 0.40
HSL	347°, 19%, 50%
HSV	347°, 32%, 60%
XYZ	20.8364, 17.5908, 18.2168
YIQ	118.9050, 25.6730, 13.8090

Conversions

Conversions Part 2

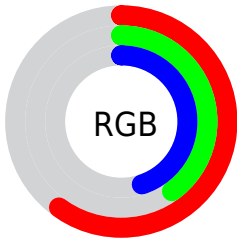
Format	Color
R_{YB}	152, 103, 114
Decimal	9987954
CIE _{Lab}	49.00, 21.33, 1.86
CIE _{LCh}	49, 21.410, 4.976
Yxy	17.5908, 0.3678, 0.3106
Android (android.graphics.Color)	4288178034 (0xFF986772)
YUV	118.9050, -2.4182, 29.0243
Hunter-Lab	41.9414, 15.2810, 3.6070

Details

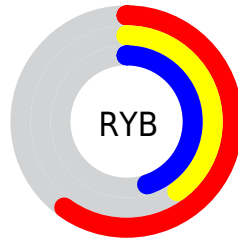
The XYZ color **20.8364, 17.5908, 18.2168** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **21.6302, 27.2635, 29.3229**, and the grayscale version is **17.5067, 18.4184, 20.0576**.

A 20% lighter version of the original color is **44.3364, 39.4613, 41.3564**, and **7.6051, 5.8350, 5.8797** is the 20% darker color. If you saturate the color by 10%, you get **18.8314, 14.5862, 14.4486**, and if you desaturate by 10%, it is **23.2037, 21.1813, 22.5329**.

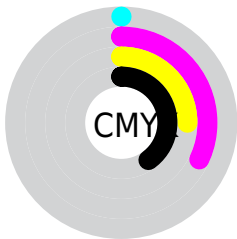
Distribution



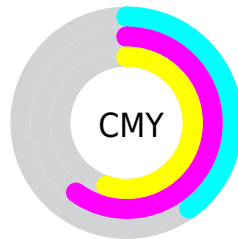
- Red (60%)
- Green (40%)
- Blue (45%)



- Red (60%)
- Yellow (40%)
- Blue (45%)



- Cyan (0%)
- Magenta (32%)
- Yellow (25%)
- Black (40%)



- Cyan (40%)
- Magenta (60%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.8364, 17.5908, 18.2168 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 20.8364, 17.5908, 18.2168 by changing the saturation by 10% instead.

■ 20.8364, 17.5908,
18.2168

■ 20.8364, 17.5908,
18.2168

249.1560,
238.5544, 254.3672

■ 13.1162, 10.6566,
10.9347

■ 44.3084, 39.3388,
41.2253

■ 7.5862, 5.8364,
5.9093

■ 60.7910, 54.9214,
57.7888

■ 3.8809, 2.7459,
2.7221

■ 80.9251, 74.1556,
78.2832

■ 1.6350, 1.0005,
0.9545

■ 105.0761, 97.4258,
103.1270

■ 0.4150, 0.0000,
0.0000

133.6093,
125.1164, 132.7388

■ 0.0000, 0.0000,
0.0000

166.8902,

157.6117, 167.5370

205.2839,
195.2963, 207.9403

■ 20.8364, 17.5908,
18.2168

■ 20.8364, 17.5908,
18.2168

■ 18.8314, 14.5862,
14.4486

■ 23.2037, 21.1813,
22.5329

■ 17.1691, 12.1340,
11.2049

■ 25.9488, 25.3841,
27.4168

■ 15.8302, 10.2010,
8.4624


■ 29.0879, 30.2269,
32.8886


■ 14.7927, 8.7493,
6.1953


■ 32.6360, 35.7349,
38.9672


■ 14.0319, 7.7359,
4.3754


■ 36.6072, 41.9322,
45.6707

 13.5191, 7.1100,
2.9714

 41.0148, 48.8414,
53.0162

 13.2393, 6.7916,
2.1352

 45.8718, 56.4841,
61.0203

 51.1904, 64.8813,
69.6991

 56.9825, 74.0528,
79.0679

Harmonies

Analogous

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



20.4390, 17.5908, 24.1824



20.8364, 17.5908, 18.2168



20.0612, 17.5908, 13.5244

Triad

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



20.8364, 17.5908, 18.2168



14.6170, 17.5908, 11.4928



15.1500, 17.5908, 30.9224

Complementary

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



20.8364, 17.5908, 18.2168



21.6302, 27.2635, 29.3229

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.



13.7712, 17.5908, 26.1608



20.8364, 17.5908, 18.2168



13.4811, 17.5908, 14.8749

Square

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



20.8364, 17.5908, 18.2168



16.3892, 17.5908, 10.1663



13.1841, 17.5908, 20.1215



17.0542, 17.5908, 32.3037

Rectangle

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



20.8364, 17.5908, 18.2168



19.0174, 17.5908, 11.4965



13.1841, 17.5908, 20.1215



14.6147, 17.5908, 29.6234

Sweetspot

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



20.8369, 17.5916, 18.2172



46.8750, 46.4558, 50.2780



21.4293, 17.5932, 31.9722



10.4988, 10.3198, 11.1549



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.



20.8369, 17.5916, 18.2172



34.0579, 26.9663, 27.0621



21.6507, 20.1616, 15.5835



6.2628, 6.2443, 6.7638



11.1111, 5.6987, 1.8440



0.1780, 0.0899, 0.0902

Inverse Universe

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



20.8369, 17.5916, 18.2172



34.0579, 26.9663, 27.0621



20.4846, 23.5971, 33.1809



6.2628, 6.2443, 6.7638



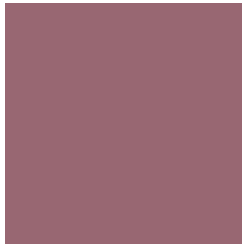
11.1111, 5.6987, 1.8440



0.1780, 0.0899, 0.0902

Previews

White Background



This preview shows how the XYZ color 20.8364, 17.5908, 18.2168 looks on a white background.

Color Contrast Check

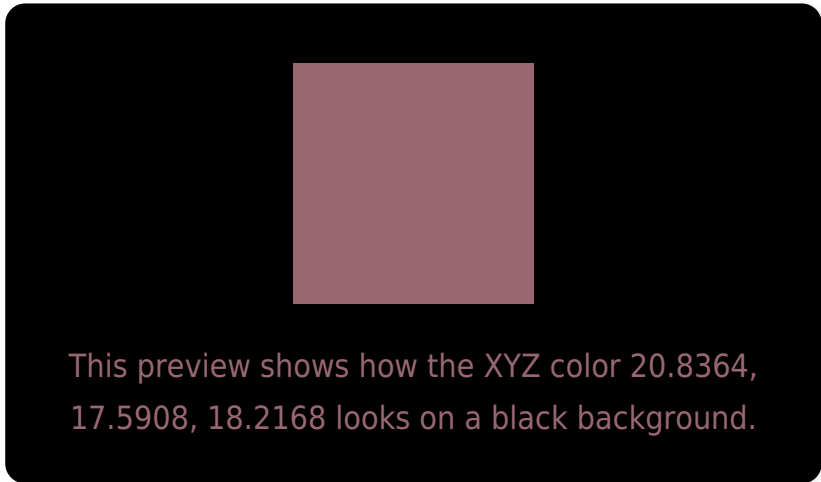
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ 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 20.8364, 17.5908, 18.2168

Background



This preview shows how black text looks on a background with the XYZ color 20.8364, 17.5908, 18.2168.



This preview shows how white text looks on a background with the XYZ color 20.8364, 17.5908,

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

20.8364, 17.5908, 18.2168

Protanopia

17.0944, 17.6778, 20.9235

Deuteranopia

18.0357, 17.7259, 17.8001



Tritanopia

20.6684, 17.5236, 17.3320

Trichromacy



Original Color

20.8364, 17.5908, 18.2168

Protanomaly

18.2201, 17.4466, 19.8600

Deuteranomaly

18.9305, 17.5328, 18.0092

Tritanomaly

20.7238, 17.5457, 17.6236

Monochromacy



Original Color

20.8364, 17.5908, 18.2168

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

18.4761, 17.9199, 19.3147

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.8364, 17.5908, 18.2168 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, 103, 114)` looks like.

```
.text, #text, p{  
    color:rgb(152, 103, 114)  
}
```

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, 103, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 103, 114) }
```

Border

The CSS property to change the border of an element to XYZ 20.8364, 17.5908, 18.2168 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, 103, 114) }
```


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

```
.border{ border-color:rgb(152, 103, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 103, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 103, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 103, 114);  
box-shadow:4px 4px 4px 4px rgb(152, 103,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 20.8364, 17.5908, 18.2168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 103, 114) }
```

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

```
.background{ background-color: rgb(152,  
103, 114) }
```

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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