

Converting Colors

XYZ(20.9612, 17.8889, 14.4053)

Have a look what the booklet for
XYZ(20.9612, 17.8889, 14.4053)
contains.

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Color

**XYZ(20.9609, 17.8886,
14.4047)**

Conversions

Conversions Part 1

Format	Color
Hex	9C6864
RGB	156, 104, 100
RGB Percent	61%, 41%, 39%
CMY	0.3882, 0.5921, 0.6078
CMYK	0.00, 0.33, 0.36, 0.39
HSL	4°, 22%, 50%
HSV	4°, 36%, 61%
XYZ	20.9609, 17.8886, 14.4047
YIQ	119.0920, 32.2760, 9.7800

Conversions

Conversions Part 2

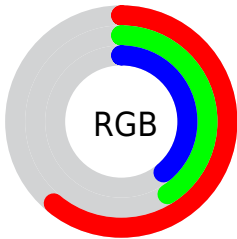
Format	Color
R_{YB}	156, 104, 100
Decimal	10250340
CIE _{Lab}	49.36, 20.36, 10.78
CIE _{LCh}	49, 23.036, 27.909
Yxy	17.8886, 0.3936, 0.3359
Android (android.graphics.Color)	4288440420 (0xFF9C6864)
YUV	119.0920, -9.4124, 32.3683
Hunter-Lab	42.2949, 14.4466, 9.4136

Details

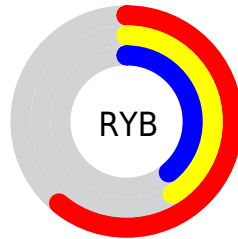
The XYZ color **20.9609, 17.8886, 14.4047** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **22.4843, 27.5654, 35.5883**, and the grayscale version is **17.5858, 18.5016, 20.1483**.

A 20% lighter version of the original color is **44.6258, 40.0083, 34.6485**, and **7.6503, 5.9690, 4.1171** is the 20% darker color. If you saturate the color by 10%, you get **18.9421, 14.9458, 10.3565**, and if you desaturate by 10%, it is **23.3757, 21.3919, 19.2986**.

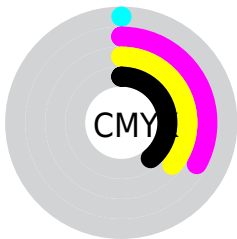
Distribution



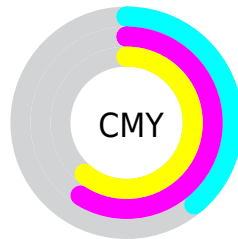
- Red (61%)
- Green (41%)
- Blue (39%)



- Red (61%)
- Yellow (41%)
- Blue (39%)



- Cyan (0%)
- Magenta (33%)
- Yellow (36%)
- Black (39%)



- Cyan (39%)
- Magenta (59%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.9609, 17.8886, 14.4047 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 20.9609, 17.8886, 14.4047 by changing the saturation by 10% instead.

■ 20.9609, 17.8886,
14.4047

■ 20.9609, 17.8886,
14.4047

249.8063,
240.2424, 231.2495

■ 13.2077, 10.8700,
8.2607

■ 44.5142, 39.8474,
34.5328

■ 7.6497, 5.9795,
4.1721

■ 61.0451, 55.5564,
49.3540

■ 3.9216, 2.8326,
1.7202

■ 81.2325, 74.9311,
67.9047

■ 1.6578, 1.0450,
0.3745

■ 105.4419, 98.3558,
90.6034

■ 0.4297, 0.0000,
0.0000

134.0387,
126.2148, 117.8687

■ 0.0000, 0.0000,
0.0000

167.3881,

158.8927, 150.1192

205.8555,
196.7737, 187.7732

■ 20.9609, 17.8886,
14.4047

■ 20.9609, 17.8886,
14.4047

■ 18.9421, 14.9458,
10.3565

■ 23.3757, 21.3919,
19.2986

■ 17.2968, 12.5319,
7.1051

■ 26.2047, 25.4800,
25.0812

■ 16.0024, 10.6164,
4.5982

■ 29.4664, 30.1787,
31.7940


■ 15.0333, 9.1643,
2.7767


■ 33.1781, 35.5117,
39.4754


■ 14.3605, 8.1364,
1.5727

■ 37.3559, 41.5014,
48.1618


 13.9474, 7.4858,
0.8936

 42.0152, 48.1690,
57.8875

 13.8318, 7.3108,
0.6821

 47.1707, 55.5349,
68.6854

 52.8365, 63.6186,
80.5869

 59.0261, 72.4387,
93.6221

Harmonies

Analogous

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



21.5203, 17.8886, 19.9168



20.9609, 17.8886, 14.4047



19.3160, 17.8886, 11.0095

Triad

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



20.9609, 17.8886, 14.4047



13.7083, 17.8886, 13.7961



16.8508, 17.8886, 34.0186

Complementary

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



20.9609, 17.8886, 14.4047



22.4843, 27.5654, 35.5883

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.



14.8817, 17.8886, 31.4507



20.9609, 17.8886, 14.4047



13.1660, 17.8886, 19.0450

Square

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



20.9609, 17.8886, 14.4047



15.1242, 17.8886, 10.7142



13.5769, 17.8886, 25.6204



19.0304, 17.8886, 32.0544

Rectangle

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



20.9609, 17.8886, 14.4047



17.8913, 17.8886, 9.9771



13.5769, 17.8886, 25.6204



16.1438, 17.8886, 33.6472

Sweetspot

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



20.9614, 17.8895, 14.4051



50.2673, 50.1313, 51.0449



23.9570, 18.4582, 32.1207



10.9016, 10.8015, 10.9044



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



20.9614, 17.8895, 14.4051



35.0978, 28.1594, 20.1940



24.2259, 24.4185, 15.4932



6.6693, 6.7185, 6.9310



11.4039, 6.0434, 0.5654



0.2138, 0.1278, 0.0134

Inverse Universe

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



22.4843, 27.5654, 35.5883



38.2712, 48.3566, 64.4434



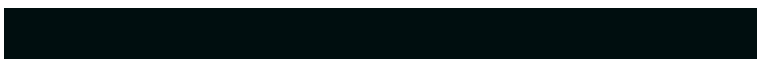
18.4976, 19.5921, 34.2594



6.7813, 7.4283, 8.4831



13.2747, 18.6409, 28.8056



0.2482, 0.3550, 0.5187

Previews

White Background



This preview shows how the XYZ color 20.9609, 17.8886, 14.4047 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 20.9609, 17.8886, 14.4047 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

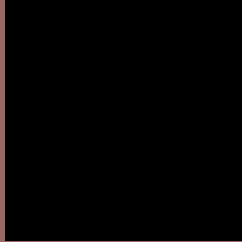
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 20.9609, 17.8886, 14.4047

Background



This preview shows how black text looks on a background with the XYZ color 20.9609, 17.8886, 14.4047.

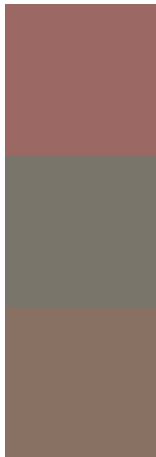


This preview shows how white text looks on a background with the XYZ color 20.9609, 17.8886,

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

20.9609, 17.8886, 14.4047

Protanopia

17.0412, 17.9217, 16.4710

Deuteranopia

18.2631, 17.9263, 14.0528



Tritanopia

21.4705, 17.7966, 17.0553

Trichromacy



Original Color

20.9609, 17.8886, 14.4047

Protanomaly

18.1244, 17.6561, 15.5494

Deuteranomaly

19.1558, 17.8924, 14.2483

Tritanomaly

21.3564, 17.9092, 15.9669

Monochromacy



Original Color

20.9609, 17.8886, 14.4047

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

18.4577, 18.1100, 17.8520

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.9609, 17.8886, 14.4047 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(156, 104, 100)` looks like.

```
.text, #text, p{  
    color:rgb(156, 104, 100)  
}
```

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(156, 104, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 104, 100) }
```

Border

The CSS property to change the border of an element to XYZ 20.9609, 17.8886, 14.4047 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(156, 104, 100) }
```


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

```
.border{ border-color:rgb(156, 104, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 104, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 104, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 104, 100);  
box-shadow:4px 4px 4px 4px rgb(156, 104,  
100) }
```

Background

The CSS property to change the background color of an element to XYZ 20.9609, 17.8886, 14.4047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 104, 100) }
```

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

```
.background{ background-color: rgb(156,  
104, 100) }
```

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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