

Converting Colors

XYZ(22.6587, 20.6845, 16.8191)

Have a look what the booklet for
XYZ(22.6587, 20.6845, 16.8191)
contains.

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Color

**XYZ(22.6095, 20.6202,
16.6984)**

Conversions

Conversions Part 1

Format	Color
Hex	9C746B
RGB	156, 116, 107
RGB Percent	61%, 45%, 42%
CMY	0.3882, 0.5451, 0.5804
CMYK	0.00, 0.26, 0.31, 0.39
HSL	11°, 20%, 52%
HSV	11°, 31%, 61%
XYZ	22.6095, 20.6202, 16.6984
YIQ	126.9340, 26.7290, 5.6810

Conversions

Conversions Part 2

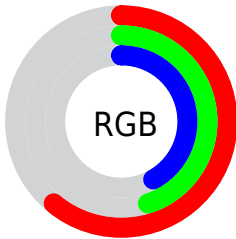
Format	Color
R_{YB}	156, 118, 107
Decimal	10253419
CIE _{Lab}	52.53, 14.41, 11.10
CIE _{LCh}	53, 18.192, 37.615
Yxy	20.6202, 0.3773, 0.3441
Android (android.graphics.Color)	4288443499 (0xFF9C746B)
YUV	126.9340, -9.8275, 25.4909
Hunter-Lab	45.4095, 9.4091, 9.9839

Details

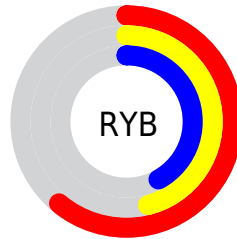
The XYZ color **22.6095, 20.6202, 16.6984** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **22.4976, 26.3927, 35.3610**, and the grayscale version is **20.1768, 21.2276, 23.1168**.

A 20% lighter version of the original color is **47.0382, 44.3228, 38.4237**, and **8.4763, 7.3441, 5.2458** is the 20% darker color. If you saturate the color by 10%, you get **20.4932, 17.5845, 12.3025**, and if you desaturate by 10%, it is **25.0763, 24.1195, 21.9421**.

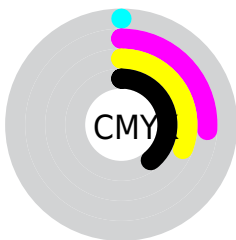
Distribution



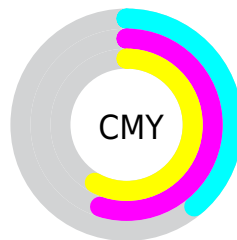
- Red (61%)
- Green (45%)
- Blue (42%)



- Red (61%)
- Yellow (46%)
- Blue (42%)



- Cyan (0%)
- Magenta (26%)
- Yellow (31%)
- Black (39%)



- Cyan (39%)
- Magenta (55%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.6095, 20.6202, 16.6984 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 22.6095, 20.6202, 16.6984 by changing the saturation by 10% instead.

■ 22.6095, 20.6202,
16.6984

■ 22.6095, 20.6202,
16.6984

258.2859,
255.2531, 245.4131

■ 14.4245, 12.8467,
9.8600

■ 47.2227, 44.4546,
38.5900

■ 8.5002, 7.3230,
5.2019

■ 64.3817, 61.2842,
54.4803

■ 4.4711, 3.6649,
2.3054

■ 85.2627, 81.9013,
74.2250

■ 1.9720, 1.4880,
0.7342

■ 110.2311,
106.6903, 98.2426

■ 0.6181, 0.2802,
0.0000

139.6523,
136.0356, 126.9517

■ 0.0000, 0.0000,
0.0000

173.8916,

170.3216, 160.7708

213.3143,
209.9326, 200.1184

■ 22.6095, 20.6202,
16.6984

■ 22.6095, 20.6202,
16.6984

■ 20.4932, 17.5845,
12.3025

■ 25.0763, 24.1195,
21.9421

■ 18.7095, 14.9901,
8.7086

■ 27.9069, 28.0978,
28.0737

■ 17.2416, 12.8171,
5.8681

■ 31.1160, 32.5734,
35.1323

■ 16.0706, 11.0429,
3.7270

■ 34.7170, 37.5626,
43.1544

■ 15.1751, 9.6427,
2.2239

■ 38.7226, 43.0812,
52.1741

■ 14.5310, 8.5889,
1.2864

■ 43.1450, 49.1441,
62.2244

■ 14.1414, 7.9302,
0.7853

■ 47.9958, 55.7658,
73.3363

■ 53.2862, 62.9601,
85.5399

■ 59.0269, 70.7404,
98.8637

Harmonies

Analogous

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



23.4116, 20.6202, 21.1055



22.6095, 20.6202, 16.6984



21.0105, 20.6202, 14.1631

Triad

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



22.6095, 20.6202, 16.6984



16.4377, 20.6202, 18.7295



20.0826, 20.6202, 34.3796

Complementary

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



22.6095, 20.6202, 16.6984



22.4976, 26.3927, 35.3610

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.



18.2519, 20.6202, 33.4710



22.6095, 20.6202, 16.6984



16.2243, 20.6202, 23.8543

Square

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



22.6095, 20.6202, 16.6984



17.4708, 20.6202, 15.1982



16.8681, 20.6202, 29.3950



21.8931, 20.6202, 31.7094

Rectangle

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



22.6095, 20.6202, 16.6984



19.7500, 20.6202, 13.6025



16.8681, 20.6202, 29.3950



19.4486, 20.6202, 34.4892

Sweetspot

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



22.6100, 20.6212, 16.6988



51.9270, 52.7682, 53.7024



24.2359, 19.6906, 30.1340



11.2588, 11.3772, 11.4505



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.



22.6100, 20.6212, 16.6988



38.1829, 33.3244, 24.3212



25.8131, 27.0273, 17.7665



6.7268, 6.8336, 6.9501



11.6678, 6.5712, 0.6534



0.2324, 0.1651, 0.0196

Inverse Universe

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



22.4976, 26.3927, 35.3610



37.9350, 45.5535, 63.9201



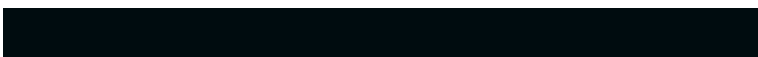
19.0875, 19.5726, 34.2244



6.7182, 7.3021, 8.4620



11.2532, 14.5980, 28.1318



0.2259, 0.3103, 0.5112

Previews

White Background



This preview shows how the XYZ color 22.6095, 20.6202, 16.6984 looks on a white 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

Black Background



This preview shows how the XYZ color 22.6095, 20.6202, 16.6984 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 22.6095, 20.6202, 16.6984

Background



This preview shows how black text looks on a background with the XYZ color 22.6095, 20.6202, 16.6984.



This preview shows how white text looks on a background with the XYZ color 22.6095, 20.6202,

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

22.6095, 20.6202, 16.6984

Protanopia

19.6183, 20.6624, 18.2835

Deuteranopia

21.1159, 20.7351, 16.5250



Tritanopia

23.6307, 20.7089, 21.1641

Trichromacy



Original Color

22.6095, 20.6202, 16.6984

Protanomaly

20.5892, 20.6203, 17.6468

Deuteranomaly

21.5928, 20.6238, 16.4784

Tritanomaly

23.2462, 20.7139, 19.6026

Monochromacy



Original Color

22.6095, 20.6202, 16.6984

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

20.9544, 20.9253, 20.7039

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.6095, 20.6202, 16.6984 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, 116, 107)` looks like.

```
.text, #text, p{  
    color:rgb(156, 116, 107)  
}
```

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, 116, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 116, 107) }
```

Border

The CSS property to change the border of an element to XYZ 22.6095, 20.6202, 16.6984 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, 116, 107) }
```


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

```
.border{ border-color:rgb(156, 116, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 116, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 116, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 116, 107);  
box-shadow:4px 4px 4px 4px rgb(156, 116,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 22.6095, 20.6202, 16.6984 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 116, 107) }
```

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

```
.background{ background-color: rgb(156,  
116, 107) }
```

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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