

Converting Colors

XYZ(22.4956, 18.7585, 11.0048)

Have a look what the booklet for
XYZ(22.4956, 18.7585, 11.0048)
contains.

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Color

**XYZ(22.5264, 18.7720,
11.0304)**

Conversions

Conversions Part 1

Format	Color
Hex	A76855
RGB	167, 104, 85
RGB Percent	65%, 41%, 33%
CMY	0.3451, 0.5921, 0.6667
CMYK	0.00, 0.38, 0.49, 0.35
HSL	14°, 33%, 49%
HSV	14°, 49%, 65%
XYZ	22.5264, 18.7720, 11.0304
YIQ	120.6710, 43.6470, 7.4470

Conversions

Conversions Part 2

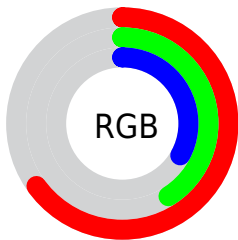
Format	Color
R _Y B	167, 110, 85
Decimal	10971221
CIE Lab	50.42, 23.13, 21.28
CIE LCh	50, 31.434, 42.613
Yxy	18.7720, 0.4305, 0.3587
Android (android.graphics.Color)	4289161301 (0xFFA76855)
YUV	120.6710, -17.5858, 40.6305
Hunter-Lab	43.3267, 16.9841, 15.2342

Details

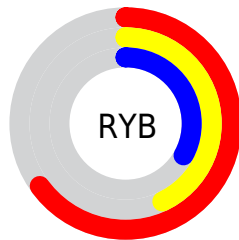
The XYZ color **22.5264, 18.7720, 11.0304** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **21.3108, 25.9000, 40.4353**, and the grayscale version is **18.1133, 19.0566, 20.7527**.

A 20% lighter version of the original color is **47.0021, 41.3735, 28.4303**, and **8.4793, 6.4263, 2.8010** is the 20% darker color. If you saturate the color by 10%, you get **20.7450, 16.1486, 7.5407**, and if you desaturate by 10%, it is **24.6618, 21.8529, 15.4109**.

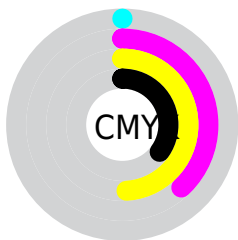
Distribution



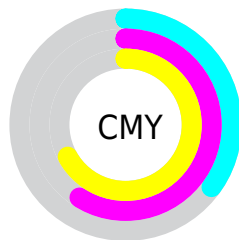
- Red (65%)
- Green (41%)
- Blue (33%)



- Red (65%)
- Yellow (43%)
- Blue (33%)



- Cyan (0%)
- Magenta (38%)
- Yellow (49%)
- Black (35%)



- Cyan (35%)
- Magenta (59%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.5264, 18.7720, 11.0304 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 22.5264, 18.7720, 11.0304 by changing the saturation by 10% instead.

■ 22.5264, 18.7720,
11.0304

■ 22.5264, 18.7720,
11.0304

257.8641,
245.1872, 208.6209

■ 14.3630, 11.5056,
5.9729

■ 47.0869, 41.3485,
28.3539

■ 8.4569, 6.4080,
2.7601

■ 64.2147, 57.4274,
41.4569

■ 4.4429, 3.0947,
0.9735

■ 85.0613, 77.2126,
58.0788

■ 1.9556, 1.1814,
0.0000

■ 109.9921,
101.0885, 78.6382

■ 0.6089, 0.0464,
0.0000

■ 139.3724,
129.4396, 103.5535

■ 0.0000, 0.0000,
0.0000

173.5676,

162.6501, 133.2434

212.9430,
201.1045, 168.1264

■ 22.5264, 18.7720,
11.0304

■ 22.5264, 18.7720,
11.0304

■ 20.7450, 16.1486,
7.5407

■ 24.6618, 21.8529,
15.4109

■ 19.2962, 13.9578,
4.8790

■ 27.1683, 25.4091,
20.7372

■ 18.1583, 12.1763,
2.9756

■ 30.0633, 29.4608,
27.0609

■ 17.3060, 10.7775,
1.7491

■ 33.3628, 34.0265,
34.4297

■ 16.6985, 9.7267,
1.0404

■ 37.0819, 39.1232,
42.8880

■ 16.6522, 9.6471,
0.9844

■ 41.2349, 44.7675,
52.4779

■ 45.8354, 50.9752,
63.2391

■ 50.8963, 57.7614,
75.2093

■ 56.4301, 65.1407,
88.4246

Harmonies

Analogous

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



24.2140, 18.7720, 16.9800



22.5264, 18.7720, 11.0304



19.6567, 18.7720, 8.2171

Triad

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



22.5264, 18.7720, 11.0304



12.8008, 18.7720, 15.8111



19.1566, 18.7720, 41.6579

Complementary

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



22.5264, 18.7720, 11.0304



21.3108, 25.9000, 40.4353

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.



16.1430, 18.7720, 41.0772



22.5264, 18.7720, 11.0304



12.6995, 18.7720, 24.3396

Square

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



22.5264, 18.7720, 11.0304



14.1516, 18.7720, 10.3862



13.8571, 18.7720, 34.0843



22.1244, 18.7720, 35.4976

Rectangle

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



22.5264, 18.7720, 11.0304



17.5756, 18.7720, 7.8145



13.8571, 18.7720, 34.0843



18.1115, 18.7720, 42.2858

Sweetspot

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



22.5269, 18.7729, 11.0308



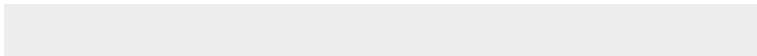
56.0174, 55.7835, 53.2929



24.6284, 16.8900, 30.4937



12.2749, 12.1216, 11.3462



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



22.5269, 18.7729, 11.0308



36.8767, 28.5086, 12.9811



27.5141, 28.7474, 12.6932



7.6670, 7.8140, 7.8934



12.7746, 7.4465, 0.7640



0.3480, 0.2556, 0.0310

Inverse Universe

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



21.3108, 25.9000, 40.4353



34.3932, 42.7025, 71.9050



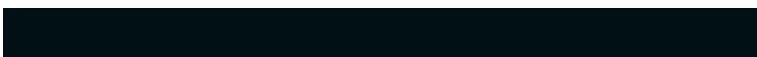
16.1087, 15.4959, 38.7012



7.5980, 8.2329, 9.6070



11.3123, 14.0848, 30.0979



0.3103, 0.4129, 0.7440

Previews

White Background



This preview shows how the XYZ color 22.5264, 18.7720, 11.0304 looks on a white background.

Color Contrast Check

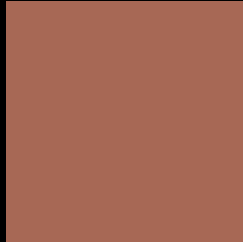
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.5264, 18.7720, 11.0304 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

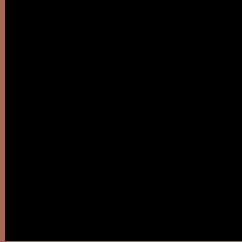
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 22.5264, 18.7720, 11.0304

Background



This preview shows how black text looks on a background with the XYZ color 22.5264, 18.7720, 11.0304.



This preview shows how white text looks on a background with the XYZ color 22.5264, 18.7720,

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

22.5264, 18.7720, 11.0304

Protanopia

17.7015, 18.8728, 12.8351

Deuteranopia

19.1937, 18.8153, 10.8037



Tritanopia

23.7226, 18.8251, 16.5706

Trichromacy



Original Color

22.5264, 18.7720, 11.0304

Protanomaly

19.1482, 18.5955, 12.0313

Deuteranomaly

20.2336, 18.6844, 10.9275

Tritanomaly

23.2001, 18.7477, 14.4525

Monochromacy



Original Color

22.5264, 18.7720, 11.0304

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

19.3187, 18.7475, 16.7878

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.5264, 18.7720, 11.0304 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(167, 104, 85)` looks like.

```
.text, #text, p{  
    color:rgb(167, 104, 85)  
}
```

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(167, 104, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 104, 85) }
```

Border

The CSS property to change the border of an element to XYZ 22.5264, 18.7720, 11.0304 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(167, 104, 85) }
```


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

```
.border{ border-color:rgb(167, 104, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 104, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 104, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 104, 85);  
box-shadow:4px 4px 4px 4px rgb(167, 104,  
85) }
```

Background

The CSS property to change the background color of an element to XYZ 22.5264, 18.7720, 11.0304 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 104, 85) }
```

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

```
.background{ background-color: rgb(167,  
104, 85) }
```

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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