

Converting Colors

XYZ(22.7362, 18.1450, 14.2459)

Have a look what the booklet for
XYZ(22.7362, 18.1450, 14.2459)
contains.

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Color

**XYZ(22.6984, 18.0593,
14.3460)**

Conversions

Conversions Part 1

Format	Color
Hex	A76364
RGB	167, 99, 100
RGB Percent	65%, 39%, 39%
CMY	0.3451, 0.6117, 0.6078
CMYK	0.00, 0.41, 0.40, 0.35
HSL	359°, 28%, 52%
HSV	359°, 41%, 65%
XYZ	22.6984, 18.0593, 14.3460
YIQ	119.4460, 40.2070, 14.7270

Conversions

Conversions Part 2

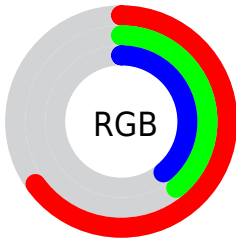
Format	Color
R_{YB}	167, 99, 100
Decimal	10969956
CIE _{Lab}	49.57, 27.59, 11.28
CIE _{LCh}	50, 29.806, 22.234
Yxy	18.0593, 0.4119, 0.3277
Android (android.graphics.Color)	4289160036 (0xFFA76364)
YUV	119.4460, -9.5869, 41.7049
Hunter-Lab	42.4962, 20.9733, 9.7321

Details

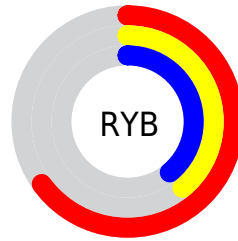
The XYZ color **22.6984, 18.0593, 14.3460** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **25.8481, 33.0436, 41.0941**, and the grayscale version is **17.6971, 18.6187, 20.2757**.

A 20% lighter version of the original color is **47.3930, 40.2149, 34.5425**, and **8.5085, 6.0694, 4.0912** is the 20% darker color. If you saturate the color by 10%, you get **20.5591, 14.9291, 10.0924**, and if you desaturate by 10%, it is **25.3267, 21.9099, 19.5566**.

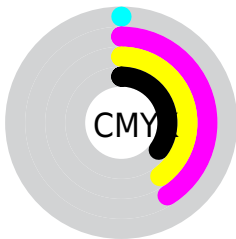
Distribution



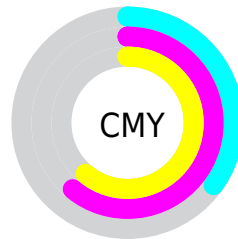
- Red (65%)
- Green (39%)
- Blue (39%)



- Red (65%)
- Yellow (39%)
- Blue (39%)



- Cyan (0%)
- Magenta (41%)
- Yellow (40%)
- Black (35%)



- Cyan (35%)
- Magenta (61%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.6984, 18.0593, 14.3460 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 22.6984, 18.0593, 14.3460 by changing the saturation by 10% instead.

■ 22.6984, 18.0593,
14.3460

■ 22.6984, 18.0593,
14.3460

258.7365,
241.2051, 230.8756

■ 14.4904, 10.9926,
8.2202

■ 47.3679, 40.1383,
34.4276

■ 8.5465, 6.0618,
4.1464

■ 64.5602, 55.9194,
49.2205

■ 4.5013, 2.8827,
1.7060

■ 85.4780, 75.3741,
67.7396

■ 1.9895, 1.0708,
0.3648

■ 110.4866, 98.8868,
90.4033

■ 0.6280, 0.0000,
0.0000

139.9514,
126.8418, 117.6302

■ 0.0000, 0.0000,
0.0000

174.2377,

159.6236, 149.8389

213.7110,
197.6166, 187.4478

■ 22.6984, 18.0593,
14.3460

■ 22.6984, 18.0593,
14.3460

■ 20.5591, 14.9291,
10.0924

■ 25.3267, 21.9099,
19.5566

■ 18.8773, 12.4722,
6.7367

■ 28.4701, 26.5190,
25.7764

■ 17.6201, 10.6400,
4.2149


■ 32.1545, 31.9252,
33.0551


■ 16.7497, 9.3761,
2.4539

■ 36.4037, 38.1637,
41.4387


■ 16.2213, 8.6143,
1.3682


■ 41.2401, 45.2674,
50.9706

 15.9497, 8.2208,
0.8163

 46.6847, 53.2678,
61.6918

 52.7578, 62.1944,
73.6413

 59.4784, 72.0757,
86.8564

 66.8650, 82.9388,
101.3726

Harmonies

Analogous

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



23.1275, 18.0593, 21.8409



22.6984, 18.0593, 14.3460



20.7102, 18.0593, 9.7531

Triad

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



22.6984, 18.0593, 14.3460



13.2197, 18.0593, 11.5935



16.4414, 18.0593, 39.4502

Complementary

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



22.6984, 18.0593, 14.3460



25.8481, 33.0436, 41.0941

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.



14.0491, 18.0593, 34.6990



22.6984, 18.0593, 14.3460



12.3266, 18.0593, 17.6358

Square

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



22.6984, 18.0593, 14.3460



15.1908, 18.0593, 8.4946



12.6127, 18.0593, 26.1553



19.3028, 18.0593, 37.8594

Rectangle

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



22.6984, 18.0593, 14.3460



18.8758, 18.0593, 8.2598



12.6127, 18.0593, 26.1553



15.5605, 18.0593, 38.5049

Sweetspot

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



22.6989, 18.0602, 14.3463



56.5324, 55.6286, 57.1178



27.1352, 19.8072, 38.9520



12.4603, 12.1689, 12.4054



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.



22.6989, 18.0602, 14.3463



37.1057, 27.1547, 18.6434



26.4222, 25.5834, 15.3511



7.5354, 7.5440, 7.8706



12.2065, 6.2913, 0.6332



0.2983, 0.1536, 0.0225

Inverse Universe

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



22.6989, 18.0602, 14.3463



37.1057, 27.1547, 18.6434



20.6650, 22.5306, 39.8187



7.5354, 7.5440, 7.8706



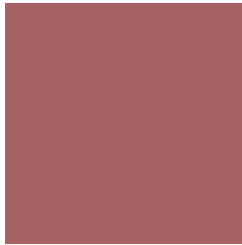
12.2065, 6.2913, 0.6332



0.2983, 0.1536, 0.0225

Previews

White Background



This preview shows how the XYZ color 22.6984, 18.0593, 14.3460 looks on a white background.

Color Contrast Check

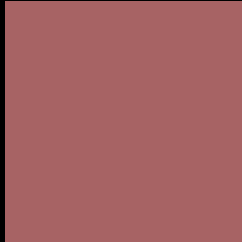
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.6984, 18.0593, 14.3460 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

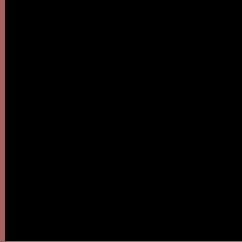
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 22.6984, 18.0593, 14.3460

Background



This preview shows how black text looks on a background with the XYZ color 22.6984, 18.0593, 14.3460.



This preview shows how white text looks on a background with the XYZ color 22.6984, 18.0593,

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

22.6984, 18.0593, 14.3460

Protanopia

17.3189, 18.2202, 17.3559

Deuteranopia

18.4915, 18.2161, 13.8507



Tritanopia

22.8538, 17.9708, 15.6288

Trichromacy



Original Color

22.6984, 18.0593, 14.3460

Protanomaly

18.7672, 17.8128, 16.0847

Deuteranomaly

19.8860, 18.1150, 14.0037

Tritanomaly

22.7522, 17.9301, 15.0937

Monochromacy



Original Color

22.6984, 18.0593, 14.3460

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

18.8721, 17.9924, 17.8075

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.6984, 18.0593, 14.3460 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, 99, 100)` looks like.

```
.text, #text, p{  
    color:rgb(167, 99, 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(167, 99, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 99, 100) }
```

Border

The CSS property to change the border of an element to XYZ 22.6984, 18.0593, 14.3460 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, 99, 100) }
```


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

```
.border{ border-color:rgb(167, 99, 100) }
```

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

Here you see how a box with a 4 pixel rgb(167, 99, 100) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 99, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 99, 100);  
box-shadow:4px 4px 4px 4px rgb(167, 99,  
100) }
```

Background

The CSS property to change the background color of an element to XYZ 22.6984, 18.0593, 14.3460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 99, 100) }
```

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

```
.background{ background-color: rgb(167, 99,  
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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