

Converting Colors

XYZ(19.6046, 18.7670, 14.6362)

Have a look what the booklet for
XYZ(19.6046, 18.7670, 14.6362)
contains.

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Color

**XYZ(19.6453, 18.7944,
14.6488)**

Conversions

Conversions Part 1

Format	Color
Hex	8F7264
RGB	143, 114, 100
RGB Percent	56%, 45%, 39%
CMY	0.4392, 0.5529, 0.6078
CMYK	0.00, 0.20, 0.30, 0.44
HSL	20°, 18%, 48%
HSV	20°, 30%, 56%
XYZ	19.6453, 18.7944, 14.6488
YIQ	121.0750, 21.7780, 1.7940

Conversions

Conversions Part 2

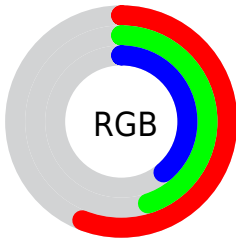
Format	Color
RYB	143, 121, 100
Decimal	9400932
CIELab	50.45, 9.22, 12.08
CIELCh	50, 15.198, 52.642
Yxy	18.7944, 0.3700, 0.3540
Android (android.graphics.Color)	4287591012 (0xFF8F7264)
YUV	121.0750, -10.3900, 19.2282
Hunter-Lab	43.3525, 5.0208, 10.3127

Details

The XYZ color **19.6453, 18.7944, 14.6488** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **18.0635, 20.3924, 28.9709**, and the grayscale version is **18.2262, 19.1754, 20.8820**.

A 20% lighter version of the original color is **42.2481, 41.3771, 35.0380**, and **7.0045, 6.4288, 4.2399** is the 20% darker color. If you saturate the color by 10%, you get **17.9821, 16.4801, 10.9742**, and if you desaturate by 10%, it is **21.5457, 21.3884, 19.0023**.

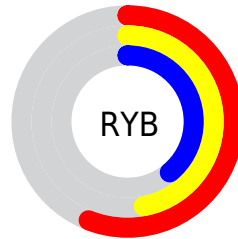
Distribution



Red (56%)

Green (45%)

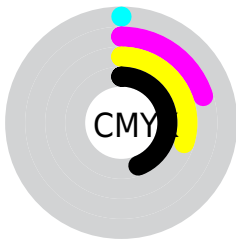
Blue (39%)



Red (56%)

Yellow (47%)

Blue (39%)

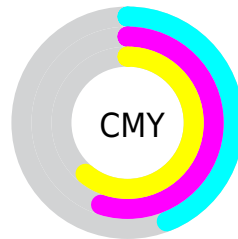


Cyan (0%)

Magenta (20%)

Yellow (30%)

Black (44%)



Cyan (44%)

Magenta (55%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.6453, 18.7944, 14.6488 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 19.6453, 18.7944, 14.6488 by changing the saturation by 10% instead.

■ 19.6453, 18.7944,
14.6488

■ 19.6453, 18.7944,
14.6488

242.8587,
245.3114, 232.7976

■ 12.2442, 11.5218,
8.4294

■ 42.3302, 41.3864,
34.9694

■ 6.9836, 6.4190,
4.2792

■ 58.3447, 57.4746,
49.9077

■ 3.4981, 3.1015,
1.7797

■ 77.9612, 77.2701,
68.5894

■ 1.4223, 1.1849,
0.4145

■ 101.5448,
101.1573, 91.4331

■ 0.2720, 0.0494,
0.0000

129.4610,
129.5207, 118.8571

■ 0.0000, 0.0000,
0.0000

162.0752,

162.7446, 151.2802

199.7526,
201.2133, 189.1209

■ 19.6453, 18.7944,
14.6488

■ 19.6453, 18.7944,
14.6488

■ 17.9821, 16.4801,
10.9742

■ 21.5457, 21.3884,
19.0023

■ 16.5448, 14.4334,
7.9428

■ 23.6910, 24.2687,
24.0657

■ 15.3231, 12.6448,
5.5171

■ 26.0906, 27.4447,
29.8695

■ 14.3056, 11.1035,
3.6556

■ 28.7528, 30.9249,
36.4420

■ 13.4793, 9.7976,
2.3110

■ 31.6854, 34.7172,
43.8100

■ 12.8296, 8.7143,
1.4285

■ 34.8960, 38.8292,
51.9991

■ 12.3271, 7.8384,
0.8632

■ 38.3919, 43.2684,
61.0337

■ 42.1800, 48.0419,
70.9371

■ 46.2672, 53.1567,
81.7319

Harmonies

Analogous

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



20.6188, 18.7944, 17.4859



19.6453, 18.7944, 14.6488



18.2302, 18.7944, 13.4026

Triad

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



19.6453, 18.7944, 14.6488



15.1889, 18.7944, 19.4385



18.9808, 18.7944, 28.9387

Complementary

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



19.6453, 18.7944, 14.6488



18.0635, 20.3924, 28.9709

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.



17.5018, 18.7944, 29.6508



19.6453, 18.7944, 14.6488



15.3653, 18.7944, 23.7622

Square

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



19.6453, 18.7944, 14.6488



15.6971, 18.7944, 15.9090



16.1929, 18.7944, 27.6443



20.2207, 18.7944, 25.8145

Rectangle

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



19.6453, 18.7944, 14.6488



17.2483, 18.7944, 13.5012



16.1929, 18.7944, 27.6443



18.4932, 18.7944, 29.4841

Sweetspot

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



19.6458, 18.7953, 14.6492



42.7861, 43.9399, 43.9577



19.8730, 16.5494, 23.0498



9.6879, 9.9113, 9.7841



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



19.6458, 18.7953, 14.6492



33.1430, 30.8309, 21.6997



22.3084, 24.1205, 15.5367



5.5434, 5.6931, 5.6961



10.9170, 6.9656, 0.7691



0.1228, 0.1034, 0.0135

Inverse Universe

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



18.0635, 20.3924, 28.9709



29.8393, 34.1511, 51.5571



15.5639, 15.3932, 28.1377



5.4142, 5.8243, 6.8676



8.1366, 9.2593, 24.3355



0.0979, 0.1288, 0.2394

Previews

White Background



This preview shows how the XYZ color 19.6453, 18.7944, 14.6488 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 19.6453, 18.7944, 14.6488 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

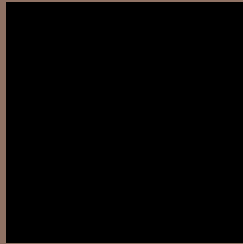
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 19.6453, 18.7944, 14.6488

Background



This preview shows how black text looks on a background with the XYZ color 19.6453, 18.7944, 14.6488.

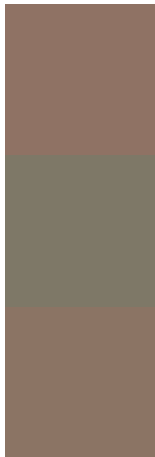


This preview shows how white text looks on a background with the XYZ color 19.6453, 18.7944,

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

19.6453, 18.7944, 14.6488

Protanopia

17.7688, 18.8478, 15.5334

Deuteranopia

19.1931, 18.8998, 14.6930



Tritanopia

20.7517, 18.7447, 20.2937

Trichromacy



Original Color

19.6453, 18.7944, 14.6488

Protanomaly

18.3924, 18.8217, 15.2339

Deuteranomaly

19.2462, 18.7570, 14.6627

Tritanomaly

20.2764, 18.7099, 18.1655

Monochromacy



Original Color

19.6453, 18.7944, 14.6488

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

18.5123, 18.8162, 18.2790

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.6453, 18.7944, 14.6488 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(143, 114, 100)` looks like.

```
.text, #text, p{  
    color:rgb(143, 114, 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(143, 114, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 114, 100) }
```

Border

The CSS property to change the border of an element to XYZ 19.6453, 18.7944, 14.6488 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(143, 114, 100) }
```


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

```
.border{ border-color:rgb(143, 114, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 114, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 114, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 114, 100);  
box-shadow:4px 4px 4px 4px rgb(143, 114,  
100) }
```

Background

The CSS property to change the background color of an element to XYZ 19.6453, 18.7944, 14.6488 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 114, 100) }
```

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

```
.background{ background-color: rgb(143,  
114, 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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