

Converting Colors

XYZ(18.4386, 14.6120, 12.1729)

Have a look what the booklet for
XYZ(18.4386, 14.6120, 12.1729)
contains.

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Color

**XYZ(18.4971, 14.6105,
12.2011)**

Conversions

Conversions Part 1

Format	Color
Hex	98595D
RGB	152, 89, 93
RGB Percent	60%, 35%, 36%
CMY	0.4039, 0.6510, 0.6353
CMYK	0.00, 0.41, 0.39, 0.40
HSL	356°, 26%, 47%
HSV	356°, 41%, 60%
XYZ	18.4971, 14.6105, 12.2011
YIQ	108.2930, 36.2640, 14.6000

Conversions

Conversions Part 2

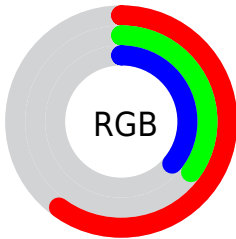
Format	Color
R_{YB}	152, 89, 93
Decimal	9984349
CIE _{Lab}	45.10, 26.41, 8.92
CIE _{LCh}	45, 27.871, 18.657
Yxy	14.6105, 0.4082, 0.3225
Android (android.graphics.Color)	4288174429 (0xFF98595D)
YUV	108.2930, -7.5394, 38.3310
Hunter-Lab	38.2237, 19.4878, 7.8311

Details

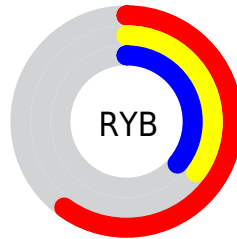
The XYZ color **18.4971, 14.6105, 12.2011** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **20.6941, 26.7189, 32.0852**, and the grayscale version is **14.3499, 15.0973, 16.4409**.

A 20% lighter version of the original color is **40.3484, 34.1492, 30.4515**, and **6.3430, 4.3878, 3.2019** is the 20% darker color. If you saturate the color by 10%, you get **16.7874, 12.1080, 8.8046**, and if you desaturate by 10%, it is **20.5861, 17.6838, 16.3035**.

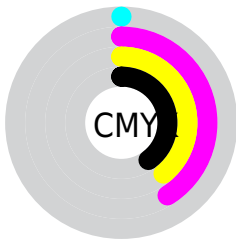
Distribution



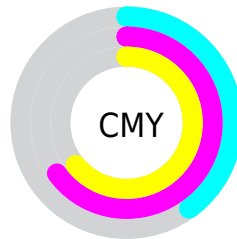
- Red (60%)
- Green (35%)
- Blue (36%)



- Red (60%)
- Yellow (35%)
- Blue (36%)



- Cyan (0%)
- Magenta (41%)
- Yellow (39%)
- Black (40%)



- Cyan (40%)
- Magenta (65%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.4971, 14.6105, 12.2011 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 18.4971, 14.6105, 12.2011 by changing the saturation by 10% instead.

■ 18.4971, 14.6105,
12.2011

■ 18.4971, 14.6105,
12.2011

236.6500,
220.9964, 216.7571

■ 11.4093, 8.5465,
6.7566

■ 40.4060, 34.1684,
30.5307

■ 6.4122, 4.4466,
3.2342

■ 55.9579, 48.4311,
44.2529

■ 3.1403, 1.9264,
1.2154

■ 75.0618, 66.1955,
61.5713

■ 1.2284, 0.5642,
0.0000

■ 98.0832, 87.8459,
82.9046

■ 0.1286, 0.0000,
0.0000

■ 125.3873,
113.7669, 108.6713

■ 0.0000, 0.0000,
0.0000

157.3396,

144.3427, 139.2899

194.3054,
179.9577, 175.1790

■ 18.4971, 14.6105,
12.2011

■ 18.4971, 14.6105,
12.2011

■ 16.7874, 12.1080,
8.8046

■ 20.5861, 17.6838,
16.3035

■ 15.4332, 10.1390,
6.0734

■ 23.0742, 21.3576,
21.1476

■ 14.4097, 8.6655,
3.9640


■ 25.9810, 25.6625,
26.7679


■ 13.6884, 7.6434,
2.4275


■ 29.3246, 30.6259,
33.1962


■ 13.2360, 7.0206,
1.4076


■ 33.1219, 36.2741,
40.4629

 13.0018, 6.6966,
0.8842

 37.3892, 42.6316,
48.5965

 42.1416, 49.7218,
57.6244

 47.3937, 57.5671,
67.5727

 53.1597, 66.1889,
78.4663

Harmonies

Analogous

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



18.6739, 14.6105, 18.5234



18.4971, 14.6105, 12.2011



17.0077, 14.6105, 8.1866

Triad

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



18.4971, 14.6105, 12.2011



10.8327, 14.6105, 8.9401



13.0376, 14.6105, 31.7784

Complementary

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



18.4971, 14.6105, 12.2011



20.6941, 26.7189, 32.0852

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.



11.1732, 14.6105, 27.3964



18.4971, 14.6105, 12.2011



9.9969, 14.6105, 13.5518

Square

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



18.4971, 14.6105, 12.2011



12.5236, 14.6105, 6.6931



10.1143, 14.6105, 20.2994



15.3456, 14.6105, 31.1217

Rectangle

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



18.4971, 14.6105, 12.2011



15.5541, 14.6105, 6.8074



10.1143, 14.6105, 20.2994



12.3432, 14.6105, 30.8062

Sweetspot

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



18.4975, 14.6112, 12.2014



45.4266, 44.6557, 46.4142



21.4169, 15.6898, 31.6055



10.1813, 9.9369, 10.2724



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



18.4975, 14.6112, 12.2014



29.7594, 21.5586, 15.7970



21.0326, 19.9574, 12.1958



6.2239, 6.2287, 6.5592



10.9061, 5.6167, 0.7648



0.1667, 0.0855, 0.0309

Inverse Universe

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



18.4975, 14.6112, 12.2014



29.7594, 21.5586, 15.7970



17.0837, 18.9830, 32.4695



6.2239, 6.2287, 6.5592



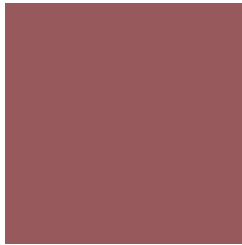
10.9061, 5.6167, 0.7648



0.1667, 0.0855, 0.0309

Previews

White Background



This preview shows how the XYZ color 18.4971, 14.6105, 12.2011 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



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

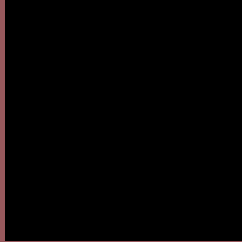
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 18.4971, 14.6105, 12.2011

Background



This preview shows how black text looks on a background with the XYZ color 18.4971, 14.6105, 12.2011.



This preview shows how white text looks on a background with the XYZ color 18.4971, 14.6105,

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

18.4971, 14.6105, 12.2011

Protanopia

14.0864, 14.7897, 14.6826

Deuteranopia

14.9070, 14.6668, 11.9428



Tritanopia

18.5868, 14.6464, 12.6739

Trichromacy



Original Color

18.4971, 14.6105, 12.2011

Protanomaly

15.2667, 14.3752, 13.7744

Deuteranomaly

16.1310, 14.5764, 12.0885

Tritanomaly

18.5417, 14.6283, 12.4360

Monochromacy



Original Color

18.4971, 14.6105, 12.2011

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

15.4140, 14.5717, 14.8322

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.4971, 14.6105, 12.2011 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(152, 89, 93)` looks like.

```
.text, #text, p{  
    color:rgb(152, 89, 93)  
}
```

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(152, 89, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 89, 93) }
```

Border

The CSS property to change the border of an element to XYZ 18.4971, 14.6105, 12.2011 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(152, 89, 93) }
```


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

```
.border{ border-color:rgb(152, 89, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 89, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 89, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 89, 93);  
box-shadow:4px 4px 4px 4px rgb(152, 89,  
93) }
```

Background

The CSS property to change the background color of an element to XYZ 18.4971, 14.6105, 12.2011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 89, 93) }
```

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

```
.background{ background-color: rgb(152, 89,  
93) }
```

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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