

Converting Colors

XYZ(18.4694, 14.3480, 11.6991)

Have a look what the booklet for
XYZ(18.4694, 14.3480, 11.6991)
contains.

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Color

**XYZ(18.4334, 14.3440,
11.6947)**

Conversions

Conversions Part 1

Format	Color
Hex	99575B
RGB	153, 87, 91
RGB Percent	60%, 34%, 36%
CMY	0.4000, 0.6588, 0.6431
CMYK	0.00, 0.43, 0.41, 0.40
HSL	356°, 27%, 47%
HSV	356°, 43%, 60%
XYZ	18.4334, 14.3440, 11.6947
YIQ	107.1900, 38.0520, 15.2360

Conversions

Conversions Part 2

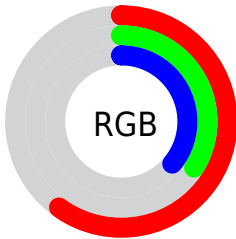
Format	Color
R_{YB}	153, 87, 91
Decimal	10049371
CIE _{Lab}	44.72, 27.68, 9.62
CIE _{LCh}	45, 29.309, 19.170
Yxy	14.3440, 0.4145, 0.3225
Android (android.graphics.Color)	4288239451 (0xFF99575B)
YUV	107.1900, -7.9817, 40.1754
Hunter-Lab	37.8735, 20.5992, 8.2037

Details

The XYZ color **18.4334, 14.3440, 11.6947** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **20.7472, 26.9790, 32.5491**, and the grayscale version is **14.0423, 14.7735, 16.0884**.

A 20% lighter version of the original color is **40.1907, 33.6554, 29.5772**, and **6.3448, 4.2931, 2.9769** is the 20% darker color. If you saturate the color by 10%, you get **16.7616, 11.8994, 8.3658**, and if you desaturate by 10%, it is **20.4873, 17.3626, 15.7372**.

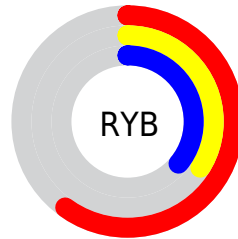
Distribution



Red (60%)

Green (34%)

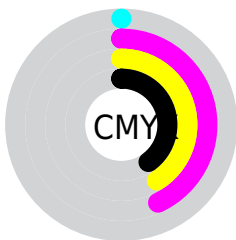
Blue (36%)



Red (60%)

Yellow (34%)

Blue (36%)

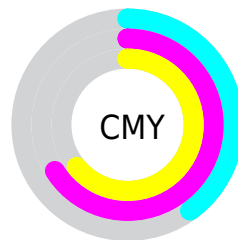


Cyan (0%)

Magenta (43%)

Yellow (41%)

Black (40%)



Cyan (40%)

Magenta (66%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.4334, 14.3440, 11.6947 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 18.4334, 14.3440, 11.6947 by changing the saturation by 10% instead.

■ 18.4334, 14.3440,
11.6947

■ 18.4334, 14.3440,
11.6947

236.3013,
219.3605, 213.2792

■ 11.3632, 8.3603,
6.4161

■ 40.2988, 33.6982,
29.5939

■ 6.3807, 4.3264,
3.0269

■ 55.8246, 47.8374,
43.0515

■ 3.1208, 1.8577,
1.1084

■ 74.8997, 65.4640,
60.0727

■ 1.2180, 0.5228,
0.0000

■ 97.8894, 86.9623,
81.0758

■ 0.1205, 0.0000,
0.0000

■ 125.1591,
112.7167, 106.4795

■ 0.0000, 0.0000,
0.0000

157.0740,

143.1116, 136.7023

193.9997,
178.5314, 172.1627

■ 18.4334, 14.3440,
11.6947

■ 18.4334, 14.3440,
11.6947

■ 16.7616, 11.8994,
8.3658

■ 20.4873, 17.3626,
15.7372

■ 15.4472, 9.9906,
5.7083

■ 22.9437, 20.9861,
20.5306

■ 14.4645, 8.5778,
3.6767


■ 25.8228, 25.2457,
26.1105


■ 13.7836, 7.6151,
2.2198

■ 29.1434, 30.1700,
32.5101


■ 13.3696, 7.0479,
1.2778


■ 32.9228, 35.7857,
39.7605

 13.1876, 6.7926,
0.8821

 37.1777, 42.1180,
47.8914

 41.9237, 49.1910,
56.9309

 47.1758, 57.0275,
66.9061

 52.9484, 65.6494,
77.8425

Harmonies

Analogous

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



18.6450, 14.3440, 18.2147



18.4334, 14.3440, 11.6947



16.8527, 14.3440, 7.6470

Triad

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



18.4334, 14.3440, 11.6947



10.4533, 14.3440, 8.5160



12.7909, 14.3440, 32.3689

Complementary

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



18.4334, 14.3440, 11.6947



20.7472, 26.9790, 32.5491

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.



10.8529, 14.3440, 27.7942



18.4334, 14.3440, 11.6947



9.6116, 14.3440, 13.2809

Square

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



18.4334, 14.3440, 11.6947



12.1842, 14.3440, 6.2159



9.7489, 14.3440, 20.3336



15.1935, 14.3440, 31.5729

Rectangle

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



18.4334, 14.3440, 11.6947



15.3279, 14.3440, 6.2865



9.7489, 14.3440, 20.3336



12.0689, 14.3440, 31.3656

Sweetspot

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



18.4338, 14.3447, 11.6950



46.1780, 45.1119, 46.6300



21.4799, 15.4690, 31.9907



9.9494, 9.5952, 9.8186



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.



18.4338, 14.3447, 11.6950



30.0467, 21.3522, 15.0395



21.0570, 19.8598, 11.7412



6.2232, 6.2284, 6.5556



10.9039, 5.6158, 0.7532



0.1665, 0.0854, 0.0299

Inverse Universe

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



18.4338, 14.3447, 11.6950



30.0467, 21.3522, 15.0395



16.9388, 18.8426, 32.8812



6.2232, 6.2284, 6.5556



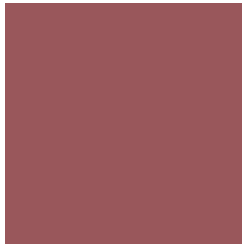
10.9039, 5.6158, 0.7532



0.1665, 0.0854, 0.0299

Previews

White Background



This preview shows how the XYZ color 18.4334, 14.3440, 11.6947 looks on a white background.

Color Contrast Check

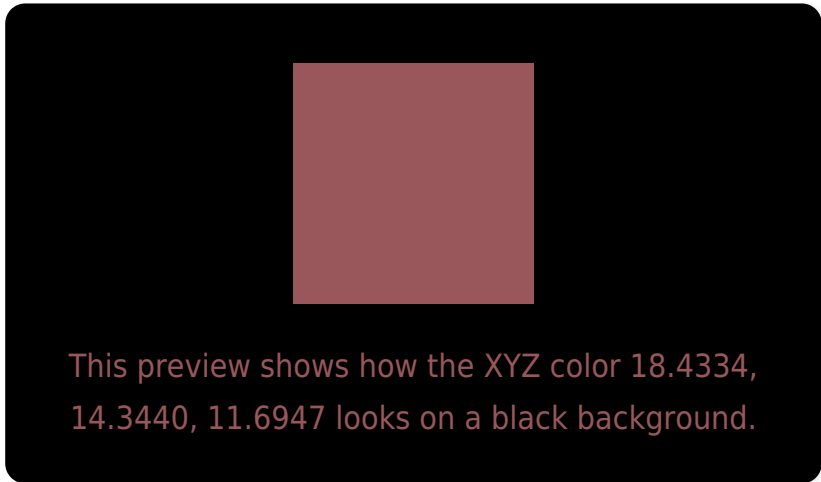
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.4334, 14.3440, 11.6947

Background



This preview shows how black text looks on a background with the XYZ color 18.4334, 14.3440, 11.6947.



This preview shows how white text looks on a background with the XYZ color 18.4334, 14.3440,

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

18.4334, 14.3440, 11.6947

Protanopia

13.8097, 14.4989, 14.3826

Deuteranopia

14.6812, 14.4183, 11.2417



Tritanopia

18.5208, 14.3790, 12.1552

Trichromacy



Original Color

18.4334, 14.3440, 11.6947

Protanomaly

15.0770, 14.1467, 13.2452

Deuteranomaly

15.9094, 14.3390, 11.3804

Tritanomaly

18.4768, 14.3614, 11.9234

Monochromacy



Original Color

18.4334, 14.3440, 11.6947

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

15.2183, 14.3390, 14.2775

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.4334, 14.3440, 11.6947 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(153, 87, 91)` looks like.

```
.text, #text, p{  
    color:rgb(153, 87, 91)  
}
```

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(153, 87, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 87, 91) }
```

Border

The CSS property to change the border of an element to XYZ 18.4334, 14.3440, 11.6947 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(153, 87, 91) }
```


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

```
.border{ border-color:rgb(153, 87, 91) }
```

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

Here you see how a box with a 4 pixel rgb(153, 87, 91) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 87, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 87, 91);  
box-shadow:4px 4px 4px 4px rgb(153, 87,  
91) }
```

Background

The CSS property to change the background color of an element to XYZ 18.4334, 14.3440, 11.6947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 87, 91) }
```

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

```
.background{ background-color: rgb(153, 87,  
91) }
```

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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