

Converting Colors

XYZ(18.4257, 14.0726, 4.3105)

Have a look what the booklet for
XYZ(18.4257, 14.0726, 4.3105)
contains.

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Color

**XYZ(18.4867, 14.0652,
4.3253)**

Conversions

Conversions Part 1

Format	Color
Hex	A2532E
RGB	162, 83, 46
RGB Percent	64%, 33%, 18%
CMY	0.3647, 0.6745, 0.8196
CMYK	0.00, 0.49, 0.72, 0.36
HSL	19°, 56%, 41%
HSV	19°, 72%, 64%
XYZ	18.4867, 14.0652, 4.3253
YIQ	102.4030, 58.9610, 5.2410

Conversions

Conversions Part 2

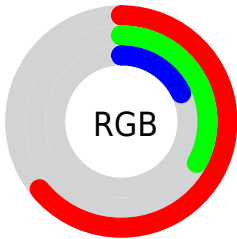
Format	Color
R_{YB}	162, 100, 46
Decimal	10638126
CIE _{Lab}	44.33, 29.67, 35.77
CIE _{LCh}	44, 46.473, 50.325
Yxy	14.0652, 0.5013, 0.3814
Android (android.graphics.Color)	4288828206 (0xFFA2532E)
YUV	102.4030, -27.8067, 52.2666
Hunter-Lab	37.5036, 22.3569, 19.4146

Details

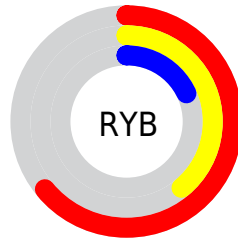
The XYZ color **18.4867, 14.0652, 4.3253** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **14.9813, 17.8555, 36.8390**, and the grayscale version is **12.7952, 13.4615, 14.6596**.

A 20% lighter version of the original color is **40.3643, 33.2305, 14.8764**, and **6.4267, 4.2053, 0.4730** is the 20% darker color. If you saturate the color by 10%, you get **17.4476, 12.4054, 2.6899**, and if you desaturate by 10%, it is **19.7813, 16.0434, 6.6406**.

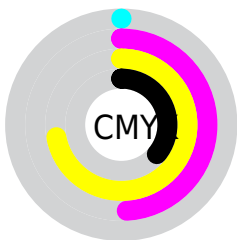
Distribution



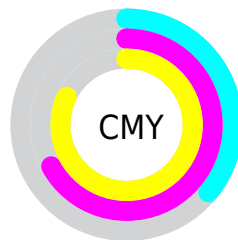
- Red (64%)
- Green (33%)
- Blue (18%)



- Red (64%)
- Yellow (39%)
- Blue (18%)



- Cyan (0%)
- Magenta (49%)
- Yellow (72%)
- Black (36%)





- Cyan (36%)
- Magenta (67%)
- Yellow (82%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 18.4867, 14.0652, 4.3253 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 18.4867, 14.0652, 4.3253 by changing the saturation by 10% instead.

 18.4867, 14.0652,
4.3253


 18.4867, 14.0652,
4.3253


236.5931,
217.6361, 151.7752


 11.4018, 8.1660,
1.8054


 40.3885, 33.2047,
14.7533


 6.4070, 4.2014,
0.4315


 55.9362, 47.2138,
23.4985


 3.1371, 1.7868,
0.0000

 75.0354, 64.6949,
35.1560

 1.2267, 0.4789,
0.0000

 98.0516, 86.0326,
50.1442

 0.1273, 0.0000,
0.0000

 125.3501,
111.6112, 68.8817

 0.0000, 0.0000,
0.0000

 157.2963,

141.8150, 91.7870

194.2555,
177.0285, 119.2786

■ 18.4867, 14.0652,
4.3253

■ 18.4867, 14.0652,
4.3253

■ 17.4476, 12.4054,
2.6899

■ 19.7813, 16.0434,
6.6406

■ 16.6424, 11.0432,
1.6558

■ 21.3484, 18.3545,
9.7010

■ 16.1139, 10.1087,
1.1019

■ 23.2048, 21.0146,
13.5649

■ 25.3651, 24.0380,
18.2845

■ 27.8433, 27.4382,
23.9077

■ 30.6521, 31.2282,
30.4786

■ 33.8038, 35.4199,
38.0387

■ 37.3097, 40.0250,
46.6268

■ 41.1808, 45.0547,
56.2796

Harmonies

Analogous

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



21.2795, 14.0652, 9.2336



18.4867, 14.0652, 4.3253



14.6097, 14.0652, 2.6830

Triad

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



18.4867, 14.0652, 4.3253



7.4744, 14.0652, 12.1173



16.0160, 14.0652, 43.7565

Complementary

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



18.4867, 14.0652, 4.3253



14.9813, 17.8555, 36.8390

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.



12.1998, 14.0652, 45.7724



18.4867, 14.0652, 4.3253



7.7106, 14.0652, 23.6089

Square

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



18.4867, 14.0652, 4.3253



8.5757, 14.0652, 5.5919



9.2947, 14.0652, 37.1712



19.6792, 14.0652, 32.5143

Rectangle

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



18.4867, 14.0652, 4.3253



12.1245, 14.0652, 2.6956



9.2947, 14.0652, 37.1712



14.6949, 14.0652, 45.6885

Sweetspot

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



18.4870, 14.0660, 4.3255



50.6462, 49.9460, 43.6291



19.5960, 11.1229, 20.6056



11.0967, 10.8385, 9.1597



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



18.4870, 14.0660, 4.3255



30.7451, 20.9666, 3.6303



24.8789, 26.8497, 6.4562



7.2496, 7.4377, 7.4336



12.7302, 8.0344, 0.8798



0.3085, 0.2508, 0.0321

Inverse Universe

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



14.9813, 17.8555, 36.8390



23.8514, 27.9807, 66.1998



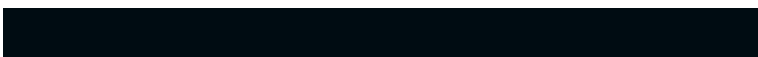
9.6714, 7.2357, 35.0690



7.0847, 7.6284, 9.0021



9.5980, 10.9755, 28.5424



0.2413, 0.3099, 0.6130

Previews

White Background



This preview shows how the XYZ color 18.4867, 14.0652, 4.3253 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 18.4867, 14.0652, 4.3253 looks on a 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 18.4867, 14.0652, 4.3253

Background



This preview shows how black text looks on a background with the XYZ color 18.4867, 14.0652, 4.3253.



This preview shows how white text looks on a background with the XYZ color 18.4867, 14.0652,

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

18.4867, 14.0652, 4.3253

Protanopia

12.9991, 14.2781, 5.4390

Deuteranopia

14.3352, 14.1068, 4.1578



Tritanopia

19.7061, 14.1246, 10.0752

Trichromacy



Original Color

18.4867, 14.0652, 4.3253

Protanomaly

14.6163, 13.9522, 4.9403

Deuteranomaly

15.5941, 13.9306, 4.1525

Tritanomaly

19.0784, 13.9660, 7.4845

Monochromacy



Original Color

18.4867, 14.0652, 4.3253

Achromatopsia

12.6291, 13.2868, 14.4694

Achromatomaly

13.9274, 13.0787, 9.7730

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.4867, 14.0652, 4.3253 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(162, 83, 46)` looks like.

```
.text, #text, p{  
    color:rgb(162, 83, 46)  
}
```

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(162, 83, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 83, 46) }
```

Border

The CSS property to change the border of an element to XYZ 18.4867, 14.0652, 4.3253 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(162, 83, 46) }
```


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

```
.border{ border-color:rgb(162, 83, 46) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 83, 46)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 83, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 83, 46);  
box-shadow:4px 4px 4px 4px rgb(162, 83,  
46) }
```

Background

The CSS property to change the background color of an element to XYZ 18.4867, 14.0652, 4.3253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 83, 46) }
```

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

```
.background{ background-color: rgb(162, 83,  
46) }
```

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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