

Converting Colors

XYZ(17.1526, 14.3289, 6.1375)

Have a look what the booklet for
XYZ(17.1526, 14.3289, 6.1375)
contains.

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Color

**XYZ(17.1344, 14.2924,
6.1306)**

Conversions

Conversions Part 1

Format	Color
Hex	965B3C
RGB	150, 91, 60
RGB Percent	59%, 36%, 24%
CMY	0.4118, 0.6431, 0.7647
CMYK	0.00, 0.39, 0.60, 0.41
HSL	21°, 43%, 41%
HSV	21°, 60%, 59%
XYZ	17.1344, 14.2924, 6.1306
YIQ	105.1070, 45.1150, 2.8670

Conversions

Conversions Part 2

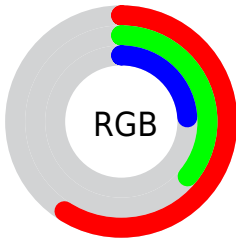
Format	Color
R_{YB}	150, 107, 60
Decimal	9853756
CIE _{Lab}	44.65, 21.03, 27.91
CIE _{LCh}	45, 34.950, 53.000
Yxy	14.2924, 0.4562, 0.3805
Android (android.graphics.Color)	4288043836 (0xFF965B3C)
YUV	105.1070, -22.2378, 39.3712
Hunter-Lab	37.8053, 14.7419, 16.8491

Details

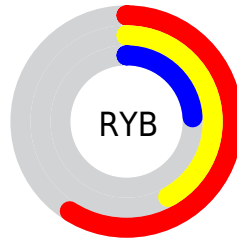
The XYZ color **17.1344, 14.2924, 6.1306** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **13.9651, 16.3557, 31.2751**, and the grayscale version is **13.5064, 14.2098, 15.4744**.

A 20% lighter version of the original color is **38.1119, 33.6941, 18.6823**, and **5.7135, 4.2717, 1.0136** is the 20% darker color. If you saturate the color by 10%, you get **16.0065, 12.5838, 4.0680**, and if you desaturate by 10%, it is **18.4856, 16.2677, 8.8225**.

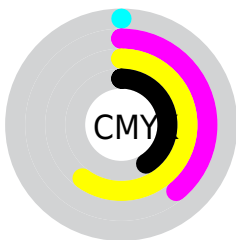
Distribution



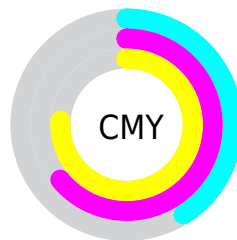
- Red (59%)
- Green (36%)
- Blue (24%)



- Red (59%)
- Yellow (42%)
- Blue (24%)



- Cyan (0%)
- Magenta (39%)
- Yellow (60%)
- Black (41%)





- Cyan (41%)
- Magenta (64%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 17.1344, 14.2924, 6.1306 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 17.1344, 14.2924, 6.1306 by changing the saturation by 10% instead.

 17.1344, 14.2924,
6.1306

 17.1344, 14.2924,
6.1306


229.0869,
219.0424, 169.5775


 10.4263, 8.3243,
2.8546


 38.0985, 33.6070,
18.6837


 5.7469, 4.3032,
1.0209

 53.0851, 47.7222,
28.7979

 2.7310, 1.8446,
0.0000

 71.5620, 65.3220,
42.0285

 1.0132, 0.5147,
0.0000

 93.8944, 86.7907,
58.7941

 0.0000, 0.0000,
0.0000

 120.4477,
112.5126, 79.5133

 151.5874,

142.8723, 104.6046

187.6786,
178.2541, 134.4865

■ 17.1344, 14.2924,
6.1306

■ 17.1344, 14.2924,
6.1306

■ 16.0065, 12.5838,
4.0680

■ 18.4856, 16.2677,
8.8225

■ 15.0869, 11.1274,
2.5810

■ 20.0716, 18.5191,
12.1898

■ 14.3598, 9.9102,
1.6080

■ 21.9046, 21.0581,
16.2750

■ 13.7911, 8.9109,
0.9931

■ 23.9952, 23.8947,
21.1171

■ 13.7911, 8.9108,
0.9931

■ 26.3536, 27.0386,
26.7521

■ 28.9893, 30.4990,
33.2136

■ 31.9113, 34.2846,
40.5335

■ 35.1283, 38.4039,
48.7418

■ 38.6485, 42.8649,
57.8672

Harmonies

Analogous

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



19.2424, 14.2924, 10.2267



17.1344, 14.2924, 6.1306



14.2594, 14.2924, 4.6441

Triad

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



17.1344, 14.2924, 6.1306



8.8625, 14.2924, 13.7367



15.8265, 14.2924, 34.7980

Complementary

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



17.1344, 14.2924, 6.1306



13.9651, 16.3557, 31.2751

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.



12.9312, 14.2924, 36.7557



17.1344, 14.2924, 6.1306



9.1610, 14.2924, 22.4897

Square

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



17.1344, 14.2924, 6.1306



9.6812, 14.2924, 7.9335



10.5622, 14.2924, 31.6463



18.4169, 14.2924, 26.9684

Rectangle

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



17.1344, 14.2924, 6.1306



12.3954, 14.2924, 4.7719



10.5622, 14.2924, 31.6463



14.8473, 14.2924, 36.2551

Sweetspot

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



17.1347, 14.2931, 6.1309



42.9978, 43.0436, 38.8047



17.5838, 11.0719, 18.9798



9.2967, 9.2270, 8.0525



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



17.1347, 14.2931, 6.1309



27.6529, 21.2797, 6.1726



22.0573, 24.1383, 7.7717



5.9544, 6.1226, 6.1084



11.4656, 7.4457, 0.8329



0.1658, 0.1421, 0.0187

Inverse Universe

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



13.9651, 16.3557, 31.2751



21.4884, 25.1531, 54.6437



9.8847, 8.1950, 29.9150



5.7976, 6.2292, 7.3665



8.2443, 9.1834, 25.2691



0.1285, 0.1675, 0.3185

Previews

White Background



This preview shows how the XYZ color 17.1344, 14.2924, 6.1306 looks on a white background.

Color Contrast Check

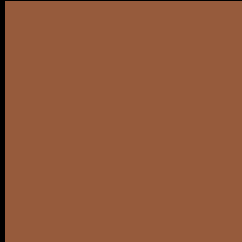
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.1344, 14.2924, 6.1306 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

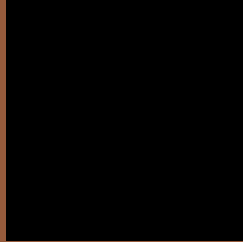
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 17.1344, 14.2924, 6.1306

Background



This preview shows how black text looks on a background with the XYZ color 17.1344, 14.2924, 6.1306.



This preview shows how white text looks on a background with the XYZ color 17.1344, 14.2924,

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

17.1344, 14.2924, 6.1306

Protanopia

13.3399, 14.4144, 7.2334

Deuteranopia

14.6233, 14.3587, 6.0038



Tritanopia

18.3329, 14.2821, 12.1464

Trichromacy



Original Color

17.1344, 14.2924, 6.1306

Protanomaly

14.4812, 14.2667, 6.8410

Deuteranomaly

15.3806, 14.1835, 6.0647

Tritanomaly

17.7374, 14.1528, 9.5815

Monochromacy



Original Color

17.1344, 14.2924, 6.1306

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

14.2455, 13.9006, 11.3835

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.1344, 14.2924, 6.1306 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(150, 91, 60)` looks like.

```
.text, #text, p{  
    color:rgb(150, 91, 60)  
}
```

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(150, 91, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 91, 60) }
```

Border

The CSS property to change the border of an element to XYZ 17.1344, 14.2924, 6.1306 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(150, 91, 60) }
```


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

```
.border{ border-color:rgb(150, 91, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 91, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 91, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 91, 60);  
box-shadow:4px 4px 4px 4px rgb(150, 91,  
60) }
```

Background

The CSS property to change the background color of an element to XYZ 17.1344, 14.2924, 6.1306 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 91, 60) }
```

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

```
.background{ background-color: rgb(150, 91,  
60) }
```

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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