

Converting Colors

XYZ(13.9923, 14.4002, 6.2833)

Have a look what the booklet for
XYZ(13.9923, 14.4002, 6.2833)
contains.

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Color

**XYZ(14.0781, 14.5120,
6.3341)**

Conversions

Conversions Part 1

Format	Color
Hex	7C683C
RGB	124, 104, 60
RGB Percent	49%, 41%, 24%
CMY	0.5137, 0.5921, 0.7647
CMYK	0.00, 0.16, 0.52, 0.51
HSL	41°, 35%, 36%
HSV	41°, 52%, 49%
XYZ	14.0781, 14.5120, 6.3341
YIQ	104.9640, 26.0440, -9.4440

Conversions

Conversions Part 2

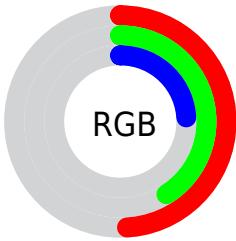
Format	Color
R_{YB}	89, 124, 60
Decimal	8153148
CIE Lab	44.96, 1.80, 27.61
CIE LCh	45, 27.665, 86.276
Yxy	14.5120, 0.4031, 0.4155
Android (android.graphics.Color)	4286343228 (0xFF7C683C)
YUV	104.9640, -22.1673, 16.6946
Hunter-Lab	38.0946, -0.6998, 16.8079

Details

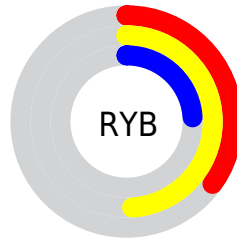
The XYZ color **14.0781, 14.5120, 6.3341** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **8.3701, 8.1529, 20.2011**, and the grayscale version is **13.4710, 14.1726, 15.4339**.

A 20% lighter version of the original color is **32.7882, 33.9904, 19.0200**, and **4.2970, 4.3772, 1.0703** is the 20% darker color. If you saturate the color by 10%, you get **13.4070, 13.6344, 4.6785**, and if you desaturate by 10%, it is **14.8447, 15.4576, 8.4010**.

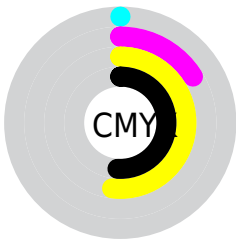
Distribution



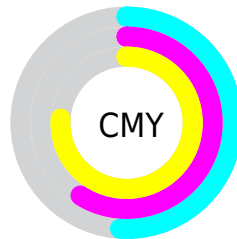
- Red (49%)
- Green (41%)
- Blue (24%)



- Red (35%)
- Yellow (49%)
- Blue (24%)



- Cyan (0%)
- Magenta (16%)
- Yellow (52%)
- Black (51%)



- Cyan (51%)
- Magenta (59%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.0781, 14.5120, 6.3341 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 14.0781, 14.5120, 6.3341 by changing the saturation by 10% instead.

■ 14.0781, 14.5120,
6.3341

■ 14.0781, 14.5120,
6.3341

211.2171,
220.3932, 171.4252

■ 8.2571, 8.4776,
2.9772

■ 32.8126, 33.9948,
19.1100

■ 4.3131, 4.4021,
1.0830

■ 46.4569, 48.2120,
29.3661

■ 1.8807, 1.9009,
0.0000

■ 63.4396, 65.9255,
42.7591

■ 0.5656, 0.5489,
0.0000

■ 84.1260, 87.5199,
59.7074

■ 0.0000, 0.0000,
0.0000

■ 108.8817,
113.3795, 80.6296

■ 138.0718,

143.8886, 105.9443

172.0618,
179.4317, 136.0700

■ 14.0781, 14.5120,
6.3341

■ 14.0781, 14.5120,
6.3341

■ 13.4070, 13.6344,
4.6785

■ 14.8447, 15.4576,
8.4010

■ 12.8247, 12.8200,
3.4044

■ 15.7108, 16.4715,
10.9043

■ 12.3250, 12.0666,
2.4797

■ 16.6816, 17.5567,
13.8681

■ 11.9006, 11.3707,
1.8663

■ 17.7615, 18.7154,
17.3146

■ 11.5808, 10.8225,
1.4786

■ 18.9546, 19.9494,
21.2644

■ 20.2649, 21.2608,
25.7369

■ 21.6959, 22.6513,
30.7507

■ 23.2513, 24.1227,
36.3232

■ 24.9344, 25.6766,
42.4711

Harmonies

Analogous

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



16.3562, 14.5120, 7.5295



14.0781, 14.5120, 6.3341



11.9530, 14.5120, 7.0458

Triad

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



14.0781, 14.5120, 6.3341



10.2439, 14.5120, 21.9936



17.7434, 14.5120, 23.7901

Complementary

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



14.0781, 14.5120, 6.3341



8.3701, 8.1529, 20.2011

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.



15.8133, 14.5120, 29.8376



14.0781, 14.5120, 6.3341



11.5130, 14.5120, 28.6167

Square

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



14.0781, 14.5120, 6.3341



9.8864, 14.5120, 15.0046



13.5122, 14.5120, 31.8090



18.6136, 14.5120, 16.6254

Rectangle

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



14.0781, 14.5120, 6.3341



10.8782, 14.5120, 8.6508



13.5122, 14.5120, 31.8090



17.1874, 14.5120, 26.0894

Sweetspot

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



14.0785, 14.5127, 6.3344



30.5218, 32.1561, 28.0970



11.3859, 8.1001, 8.6047



7.1101, 7.4894, 6.3672



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



14.0785, 14.5127, 6.3344



23.3913, 23.7186, 7.7668



14.7393, 18.2037, 7.0120



4.2071, 4.4327, 4.2583



11.7708, 10.9974, 1.5023



55.3618, 50.8871, 6.9043

Inverse Universe

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



8.3701, 8.1529, 20.2011



12.1712, 11.2378, 35.0842



7.9067, 6.0546, 19.8206



3.8904, 4.0790, 5.0255



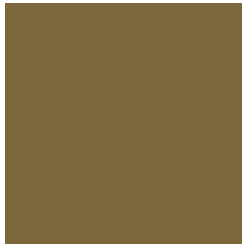
4.4253, 2.9331, 19.7182



20.4292, 12.6310, 93.8311

Previews

White Background



This preview shows how the XYZ color 14.0781, 14.5120, 6.3341 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 14.0781, 14.5120, 6.3341 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 14.0781, 14.5120, 6.3341

Background



This preview shows how black text looks on a background with the XYZ color 14.0781, 14.5120, 6.3341.



This preview shows how white text looks on a background with the XYZ color 14.0781, 14.5120,

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

14.0781, 14.5120, 6.3341

Protanopia

13.4361, 14.6342, 6.5314

Deuteranopia

14.7996, 14.5855, 6.4501



Tritanopia

15.9654, 14.5535, 15.6033

Trichromacy



Original Color

14.0781, 14.5120, 6.3341

Protanomaly

13.7421, 14.6381, 6.5160

Deuteranomaly

14.5946, 14.6266, 6.4689

Tritanomaly

15.2092, 14.5407, 11.4562

Monochromacy



Original Color

14.0781, 14.5120, 6.3341

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

13.5368, 14.2692, 11.4919

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.0781, 14.5120, 6.3341 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(124, 104, 60)` looks like.

```
.text, #text, p{  
    color:rgb(124, 104, 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(124, 104, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 104, 60) }
```

Border

The CSS property to change the border of an element to XYZ 14.0781, 14.5120, 6.3341 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(124, 104, 60) }
```


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

```
.border{ border-color:rgb(124, 104, 60) }
```

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

Here you see how a box with a 4 pixel rgb(124, 104, 60) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 104, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 104, 60);  
box-shadow:4px 4px 4px 4px rgb(124, 104,  
60) }
```

Background

The CSS property to change the background color of an element to XYZ 14.0781, 14.5120, 6.3341 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 104, 60) }
```

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

```
.background{ background-color: rgb(124,  
104, 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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