

Converting Colors

XYZ(14.1413, 10.2579, 9.4800)

Have a look what the booklet for
XYZ(14.1413, 10.2579, 9.4800)
contains.

XYZ(14.1707, 10.2841, 9.4218)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(14.1707, 10.2841,
9.4218)**

Conversions

Conversions Part 1

Format	Color
Hex	8A4553
RGB	138, 69, 83
RGB Percent	54%, 27%, 33%
CMY	0.4588, 0.7294, 0.6745
CMYK	0.00, 0.50, 0.40, 0.46
HSL	348°, 33%, 41%
HSV	348°, 50%, 54%
XYZ	14.1707, 10.2841, 9.4218
YIQ	91.2270, 36.6300, 18.9820

Conversions

Conversions Part 2

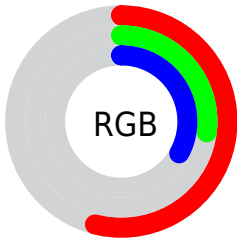
Format	Color
R_{YB}	138, 69, 83
Decimal	9061715
CIE _{Lab}	38.35, 30.87, 5.24
CIE _{LCh}	38, 31.312, 9.636
Yxy	10.2841, 0.4183, 0.3036
Android (android.graphics.Color)	4287251795 (0xFF8A4553)
YUV	91.2270, -4.0559, 41.0199
Hunter-Lab	32.0688, 22.7558, 5.0288

Details

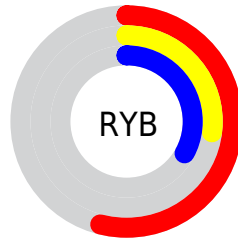
The XYZ color **14.1707, 10.2841, 9.4218** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **15.1814, 20.8976, 22.3036**, and the grayscale version is **9.9991, 10.5198, 11.4560**.

A 20% lighter version of the original color is **33.0098, 26.3289, 25.1720**, and **4.3643, 2.6076, 2.1070** is the 20% darker color. If you saturate the color by 10%, you get **13.0268, 8.6230, 7.1087**, and if you desaturate by 10%, it is **15.5800, 12.3681, 12.1561**.

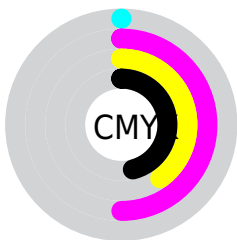
Distribution



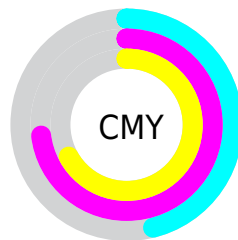
- Red (54%)
- Green (27%)
- Blue (33%)



- Red (54%)
- Yellow (27%)
- Blue (33%)



- Cyan (0%)
- Magenta (50%)
- Yellow (40%)
- Black (46%)





- Cyan (46%)
- Magenta (73%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.1707, 10.2841, 9.4218 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 14.1707, 10.2841, 9.4218 by changing the saturation by 10% instead.


 14.1707, 10.2841,
9.4218


 14.1707, 10.2841,
9.4218


211.7796,
192.6879, 196.8265


 8.3220, 5.5877,
4.9168


 32.9753, 26.3285,
25.2927


 4.3552, 2.5961,
2.1406

 46.6620, 38.4453,
37.4957


 1.9050, 0.9247,
0.6398

 63.6920, 53.8044,
53.1017

 0.5797, 0.0000,
0.0000

 84.4307, 72.7902,
72.5293

 0.0000, 0.0000,
0.0000

 109.2434, 95.7870,
96.1971

138.4956,

123.1793, 124.5235

172.5525,
155.3515, 157.9271

■ 14.1707, 10.2841,
9.4218

■ 14.1707, 10.2841,
9.4218

■ 13.0268, 8.6230,
7.1087

■ 15.5800, 12.3681,
12.1561

■ 12.1305, 7.3542,
5.1950

■ 17.2694, 14.8997,
15.3308

■ 11.4628, 6.4454,
3.6574

■ 19.2534, 17.9036,
18.9647


■ 11.0018, 5.8586,
2.4703


■ 21.5455, 21.4023,
23.0752


■ 10.6908, 5.4872,
1.5941


■ 24.1581, 25.4166,
27.6788

 10.6907, 5.4871,
1.5939

 27.1029, 29.9664,
32.7912

 30.3912, 35.0704,
38.4274

 34.0337, 40.7463,
44.6018

 38.0405, 47.0113,
51.3284

Harmonies

Analogous

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



13.9291, 10.2841, 15.5759



14.1707, 10.2841, 9.4218



13.1147, 10.2841, 5.4548

Triad

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



14.1707, 10.2841, 9.4218



7.4815, 10.2841, 4.5865



8.4732, 10.2841, 25.3629

Complementary

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



14.1707, 10.2841, 9.4218



15.1814, 20.8976, 22.3036

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.



7.0562, 10.2841, 19.9934



14.1707, 10.2841, 9.4218



6.5413, 10.2841, 7.7279

Square

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



14.1707, 10.2841, 9.4218



9.1332, 10.2841, 3.3761



6.3973, 10.2841, 13.1837



10.4456, 10.2841, 26.3114

Rectangle

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



14.1707, 10.2841, 9.4218



11.8930, 10.2841, 4.0361



6.3973, 10.2841, 13.1837



7.9242, 10.2841, 23.9445

Sweetspot

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



14.1710, 10.2846, 9.4220



35.7579, 34.3312, 36.7103



14.8915, 10.3065, 25.2492



7.8586, 7.4537, 7.9432



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



14.1710, 10.2846, 9.4220



22.7352, 14.8743, 12.0579



15.0908, 12.9036, 7.3263



5.0717, 5.0641, 5.4660



9.8065, 5.0327, 1.4853



0.0695, 0.0352, 0.0328

Inverse Universe

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



14.1710, 10.2846, 9.4220



22.7352, 14.8743, 12.0579



13.5737, 16.1637, 26.4492



5.0717, 5.0641, 5.4660



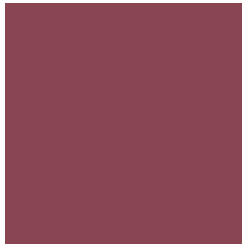
9.8065, 5.0327, 1.4853



0.0695, 0.0352, 0.0328

Previews

White Background



This preview shows how the XYZ color 14.1707, 10.2841, 9.4218 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 14.1707, 10.2841, 9.4218 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 14.1707, 10.2841, 9.4218

Background



This preview shows how black text looks on a background with the XYZ color 14.1707, 10.2841, 9.4218.



This preview shows how white text looks on a background with the XYZ color 14.1707, 10.2841,

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

14.1707, 10.2841, 9.4218

Protanopia

10.0361, 10.3627, 12.2977

Deuteranopia

10.6466, 10.5017, 9.0553



Tritanopia

13.7767, 10.2067, 7.9006

Trichromacy



Original Color

14.1707, 10.2841, 9.4218

Protanomaly

11.0900, 9.9781, 11.2390

Deuteranomaly

11.6301, 10.1919, 9.1389

Tritanomaly

13.8818, 10.2487, 8.4543

Monochromacy



Original Color

14.1707, 10.2841, 9.4218

Achromatopsia

9.9438, 10.4616, 11.3927

Achromatomaly

11.0390, 10.0792, 10.5962

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.1707, 10.2841, 9.4218 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(138, 69, 83)` looks like.

```
.text, #text, p{  
    color:rgb(138, 69, 83)  
}
```

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(138, 69, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 69, 83) }
```

Border

The CSS property to change the border of an element to XYZ 14.1707, 10.2841, 9.4218 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(138, 69, 83) }
```


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

```
.border{ border-color:rgb(138, 69, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 69, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 69, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 69, 83);  
box-shadow:4px 4px 4px 4px rgb(138, 69,  
83) }
```

Background

The CSS property to change the background color of an element to XYZ 14.1707, 10.2841, 9.4218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 69, 83) }
```

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

```
.background{ background-color: rgb(138, 69,  
83) }
```

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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