

Converting Colors

XYZ(13.2310, 14.1555, 8.8550)

Have a look what the booklet for
XYZ(13.2310, 14.1555, 8.8550)
contains.

XYZ(13.2955, 14.2024, 8.8781)	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(13.2955, 14.2024,
8.8781)**

Conversions

Conversions Part 1

Format	Color
Hex	72694C
RGB	114, 105, 76
RGB Percent	45%, 41%, 30%
CMY	0.5529, 0.5882, 0.7020
CMYK	0.00, 0.08, 0.33, 0.55
HSL	46°, 20%, 37%
HSV	46°, 33%, 45%
XYZ	13.2955, 14.2024, 8.8781
YIQ	104.3850, 14.6730, -7.1110

Conversions

Conversions Part 2

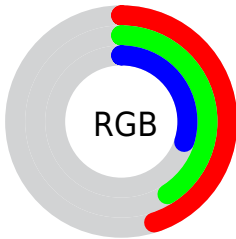
Format	Color
R _Y B	88, 114, 76
Decimal	7498060
CIE Lab	44.52, -1.32, 17.62
CIE LCh	45, 17.671, 94.275
Yxy	14.2024, 0.3655, 0.3904
Android (android.graphics.Color)	4285688140 (0xFF72694C)
YUV	104.3850, -13.9938, 8.4324
Hunter-Lab	37.6861, -2.9765, 12.4127

Details

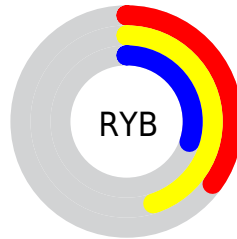
The XYZ color **13.2955, 14.2024, 8.8781** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **9.2661, 9.2481, 17.2162**, and the grayscale version is **13.2953, 13.9877, 15.2326**.

A 20% lighter version of the original color is **31.3160, 33.3646, 24.1915**, and **3.9404, 4.2489, 1.9088** is the 20% darker color. If you saturate the color by 10%, you get **12.6634, 13.5171, 6.8823**, and if you desaturate by 10%, it is **14.0074, 14.9345, 11.2474**.

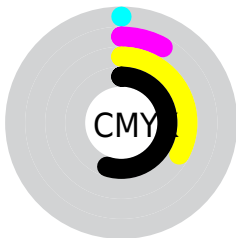
Distribution



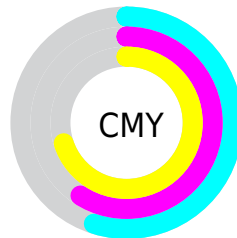
- Red (45%)
- Green (41%)
- Blue (30%)



- Red (35%)
- Yellow (45%)
- Blue (30%)



- Cyan (0%)
- Magenta (8%)
- Yellow (33%)
- Black (55%)



- Cyan (55%)
- Magenta (59%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.2955, 14.2024, 8.8781 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 13.2955, 14.2024, 8.8781 by changing the saturation by 10% instead.

■ 13.2955, 14.2024,
8.8781

■ 13.2955, 14.2024,
8.8781

206.4024,
218.4864, 192.6504

■ 7.7107, 8.2616,
4.5660

■ 31.4305, 33.4477,
24.2367

■ 3.9607, 4.2628,
1.9407

■ 44.7114, 47.5210,
36.1203

■ 1.6799, 1.8216,
0.5185

■ 61.2884, 65.0739,
51.3649

■ 0.4436, 0.5006,
0.0000

■ 81.5269, 86.4908,
70.3889

■ 0.0000, 0.0000,
0.0000

■ 105.7922,
112.1561, 93.6109

134.4496,

142.4542, 121.4494

167.8646,
177.7695, 154.3231

■ 13.2955, 14.2024,
8.8781

■ 13.2955, 14.2024,
8.8781

■ 12.6634, 13.5171,
6.8823

■ 14.0074, 14.9345,
11.2474

■ 12.1060, 12.8751,
5.2396

■ 14.8014, 15.7131,
14.0074

■ 11.6198, 12.2752,
3.9288

■ 15.6812, 16.5402,
17.1754

■ 11.2001, 11.7155,
2.9264

■ 16.6499, 17.4172,
20.7674

■ 10.8416, 11.1938,
2.2054

■ 17.7104, 18.3454,
24.7983

■ 10.5376, 10.7071,
1.7296

■ 18.8655, 19.3261,
29.2825

■ 10.3484, 10.3954,
1.4611

■ 20.1180, 20.3603,
34.2338

■ 21.4703, 21.4493,
39.6652

■ 22.9249, 22.5941,
45.5894

Harmonies

Analogous

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



14.7250, 14.2024, 9.4112



13.2955, 14.2024, 8.8781



12.0123, 14.2024, 9.8381

Triad

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



13.2955, 14.2024, 8.8781



11.3566, 14.2024, 20.3238



16.1242, 14.2024, 19.1309

Complementary

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



13.2955, 14.2024, 8.8781



9.2661, 9.2481, 17.2162

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.



15.1035, 14.2024, 22.9069



13.2955, 14.2024, 8.8781



12.3429, 14.2024, 23.6764

Square

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



13.2955, 14.2024, 8.8781



10.9440, 14.2024, 16.0571



13.7045, 14.2024, 24.6960



16.4235, 14.2024, 14.8857

Rectangle

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



13.2955, 14.2024, 8.8781



11.3922, 14.2024, 11.3154



13.7045, 14.2024, 24.6960



15.8507, 14.2024, 20.5198

Sweetspot

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



13.2959, 14.2030, 8.8784



26.4696, 28.0505, 26.2494



11.1836, 9.4103, 9.9260



6.0841, 6.4516, 5.9372



55.7959, 58.7016, 63.9261



6.5000, 6.8385, 7.4471

Same Dimension

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



13.2959, 14.2030, 8.8784



22.4973, 24.0243, 12.8455



13.0890, 15.5295, 9.1453



3.5782, 3.7889, 3.6161



11.5068, 11.5460, 1.6221



56.6335, 56.1422, 7.8516

Inverse Universe

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



9.2661, 9.2481, 17.2162



14.2574, 13.8961, 29.9063



9.4137, 8.3388, 17.0329



3.2758, 3.4169, 4.2411



3.8053, 2.2008, 17.9459



18.3841, 9.8201, 89.2056

Previews

White Background



This preview shows how the XYZ color 13.2955, 14.2024, 8.8781 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 13.2955,
14.2024, 8.8781 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 13.2955, 14.2024, 8.8781

Background



This preview shows how black text looks on a background with the XYZ color 13.2955, 14.2024, 8.8781.



This preview shows how white text looks on a background with the XYZ color 13.2955, 14.2024,

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

13.2955, 14.2024, 8.8781

Protanopia

13.1661, 14.1357, 8.8720

Deuteranopia

14.4507, 14.2032, 9.0010



Tritanopia

14.8852, 14.2630, 16.4365

Trichromacy



Original Color

13.2955, 14.2024, 8.8781

Protanomaly

13.1661, 14.1357, 8.8720

Deuteranomaly

13.9761, 14.1035, 9.0068

Tritanomaly

14.2452, 14.1477, 13.2892

Monochromacy



Original Color

13.2955, 14.2024, 8.8781

Achromatopsia

13.1579, 13.8432, 15.0752

Achromatomaly

13.1550, 13.8969, 12.5787

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.2955, 14.2024, 8.8781 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(114, 105, 76)` looks like.

```
.text, #text, p{  
    color:rgb(114, 105, 76)  
}
```

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(114, 105, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 105, 76) }
```

Border

The CSS property to change the border of an element to XYZ 13.2955, 14.2024, 8.8781 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(114, 105, 76) }
```


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

```
.border{ border-color:rgb(114, 105, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 105, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 105, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 105, 76);  
box-shadow:4px 4px 4px 4px rgb(114, 105,  
76) }
```

Background

The CSS property to change the background color of an element to XYZ 13.2955, 14.2024, 8.8781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 105, 76) }
```

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

```
.background{ background-color: rgb(114,  
105, 76) }
```

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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