

Converting Colors

XYZ(13.1616, 14.5922, 9.0675)

Have a look what the booklet for
XYZ(13.1616, 14.5922, 9.0675)
contains.

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Color

**XYZ(13.1325, 14.5759,
9.1425)**

Conversions

Conversions Part 1

Format	Color
Hex	6E6C4D
RGB	110, 108, 77
RGB Percent	43%, 42%, 30%
CMY	0.5686, 0.5765, 0.6980
CMYK	0.00, 0.02, 0.30, 0.57
HSL	56°, 18%, 37%
HSV	56°, 30%, 43%
XYZ	13.1325, 14.5759, 9.1425
YIQ	105.0640, 11.1430, -9.2170

Conversions

Conversions Part 2

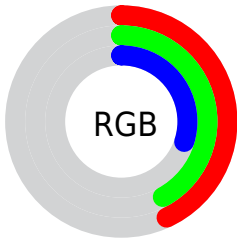
Format	Color
R_{YB}	79, 110, 77
Decimal	7236685
CIE Lab	45.05, -4.65, 17.68
CIE LCh	45, 18.277, 104.737
Yxy	14.5759, 0.3564, 0.3955
Android (android.graphics.Color)	4285426765 (0xFF6E6C4D)
YUV	105.0640, -13.8356, 4.3289
Hunter-Lab	38.1784, -5.4123, 12.5268

Details

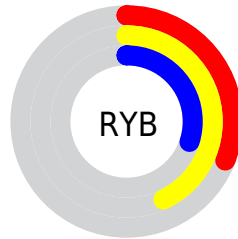
The XYZ color **13.1325, 14.5759, 9.1425** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **8.6710, 8.2954, 15.8960**, and the grayscale version is **13.4791, 14.1810, 15.4431**.

A 20% lighter version of the original color is **31.0643, 33.9840, 24.6610**, and **3.9161, 4.4659, 2.0221** is the 20% darker color. If you saturate the color by 10%, you get **12.7067, 14.2942, 7.2438**, and if you desaturate by 10%, it is **13.6253, 14.8863, 11.3880**.

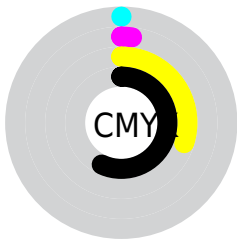
Distribution



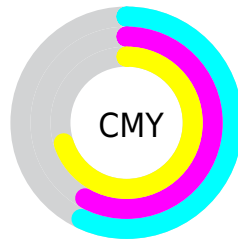
- Red (43%)
- Green (42%)
- Blue (30%)



- Red (31%)
- Yellow (43%)
- Blue (30%)



- Cyan (0%)
- Magenta (2%)
- Yellow (30%)
- Black (57%)



- Cyan (57%)
- Magenta (58%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.1325, 14.5759, 9.1425 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 13.1325, 14.5759, 9.1425 by changing the saturation by 10% instead.

■ 13.1325, 14.5759,
9.1425

■ 13.1325, 14.5759,
9.1425

205.3856,
220.7847, 194.6944

■ 7.5975, 8.5223,
4.7362

■ 31.1409, 34.1074,
24.7517

■ 3.8881, 4.4309,
2.0373

■ 44.3450, 48.3542,
36.7917

■ 1.6390, 1.9174,
0.5781

■ 60.8362, 66.1007,
52.2133

■ 0.4176, 0.5588,
0.0000

■ 80.9798, 87.7315,
71.4350

■ 0.0000, 0.0000,
0.0000

■ 105.1412,
113.6309, 94.8755

133.6857,

144.1833, 122.9532

166.9787,
179.7731, 156.0866

■ 13.1325, 14.5759,
9.1425

■ 13.1325, 14.5759,
9.1425

■ 12.7067, 14.2942,
7.2438

■ 13.6253, 14.8863,
11.3880

■ 12.3435, 14.0378,
5.6736

■ 14.1870, 15.2246,
13.9956

■ 12.0397, 13.8061,
4.4133

■ 14.8209, 15.5927,
16.9808

■ 11.7912, 13.5973,
3.4420

■ 15.5297, 15.9916,
20.3578

■ 11.5937, 13.4098,
2.7364

■ 16.3161, 16.4224,
24.1402

■ 11.4420, 13.2414,
2.2694

■ 17.1823, 16.8860,
28.3409

■ 11.3148, 13.0838,
1.9291

■ 18.1309, 17.3834,
32.9722

■ 11.3148, 13.0837,
1.9291

■ 19.1640, 17.9154,
38.0459

■ 20.2837, 18.4831,
43.5735

Harmonies

Analogous

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



14.6279, 14.5759, 9.1561



13.1325, 14.5759, 9.1425



11.9198, 14.5759, 10.6923

Triad

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



13.1325, 14.5759, 9.1425



11.9028, 14.5759, 22.4302



16.8298, 14.5759, 18.1482

Complementary

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



13.1325, 14.5759, 9.1425



8.6710, 8.2954, 15.8960

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.



15.9868, 14.5759, 22.4979



13.1325, 14.5759, 9.1425



13.1078, 14.5759, 25.2576

Square

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



13.1325, 14.5759, 9.1425



11.2454, 14.5759, 18.0681



14.6014, 14.5759, 25.2844



16.8376, 14.5759, 13.8591

Rectangle

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



13.1325, 14.5759, 9.1425



11.4038, 14.5759, 12.5972



14.6014, 14.5759, 25.2844



16.6321, 14.5759, 19.6671

Sweetspot

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



13.1329, 14.5766, 9.1428



24.9952, 26.7847, 24.9534



10.5030, 9.1904, 8.6560



5.7890, 6.2167, 5.6779



54.2243, 57.0482, 62.1254



6.0569, 6.3724, 6.9395

Same Dimension

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



13.1329, 14.5766, 9.1428



22.5310, 25.2492, 13.6725



11.7080, 14.1583, 9.1372



3.6254, 3.8834, 3.6318



13.5851, 15.7027, 2.3149



67.4448, 77.7649, 11.4554

Inverse Universe

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



8.6710, 8.2954, 15.8960



13.3435, 12.3165, 27.5813



9.8125, 8.6732, 15.9088



3.2323, 3.3299, 4.2266



3.4598, 1.5099, 17.8307



17.0130, 7.0779, 88.7486

Previews

White Background



This preview shows how the XYZ color 13.1325, 14.5759, 9.1425 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 13.1325, 14.5759, 9.1425 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

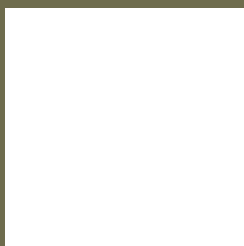
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 13.1325, 14.5759, 9.1425

Background



This preview shows how black text looks on a background with the XYZ color 13.1325, 14.5759, 9.1425.



This preview shows how white text looks on a background with the XYZ color 13.1325, 14.5759,

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

13.1325, 14.5759, 9.1425

Protanopia

13.5288, 14.4747, 8.9183

Deuteranopia

14.7307, 14.4884, 9.2279



Tritanopia

14.8144, 14.6479, 17.3758

Trichromacy



Original Color

13.1325, 14.5759, 9.1425

Protanomaly

13.3723, 14.5479, 8.9407

Deuteranomaly

14.0712, 14.4438, 9.2540

Tritanomaly

14.1138, 14.5147, 13.8621

Monochromacy



Original Color

13.1325, 14.5759, 9.1425

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

13.2830, 14.2601, 12.8789

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.1325, 14.5759, 9.1425 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(110, 108, 77)` looks like.

```
.text, #text, p{  
    color:rgb(110, 108, 77)  
}
```

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(110, 108, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 108, 77) }
```

Border

The CSS property to change the border of an element to XYZ 13.1325, 14.5759, 9.1425 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(110, 108, 77) }
```


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

```
.border{ border-color:rgb(110, 108, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 108, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 108, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 108, 77);  
box-shadow:4px 4px 4px 4px rgb(110, 108,  
77) }
```

Background

The CSS property to change the background color of an element to XYZ 13.1325, 14.5759, 9.1425 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 108, 77) }
```

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

```
.background{ background-color: rgb(110,  
108, 77) }
```

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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