

Converting Colors

XYZ(41.1251, 33.1335, 9.5384)

Have a look what the booklet for
XYZ(41.1251, 33.1335, 9.5384)
contains.

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Color

**XYZ(41.1243, 33.1318,
9.5378)**

Conversions

Conversions Part 1

Format	Color
Hex	E48343
RGB	228, 131, 67
RGB Percent	89%, 51%, 26%
CMY	0.1059, 0.4862, 0.7372
CMYK	0.00, 0.43, 0.71, 0.11
HSL	24°, 75%, 58%
HSV	24°, 71%, 89%
XYZ	41.1243, 33.1318, 9.5378
YIQ	152.7070, 78.3560, 0.6600

Conversions

Conversions Part 2

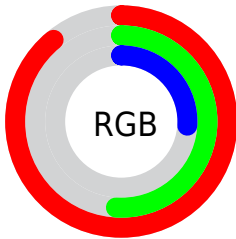
Format	Color
R _Y B	228, 173, 67
Decimal	14975811
CIE Lab	64.27, 32.19, 49.57
CIE LCh	64, 59.105, 56.999
Yxy	33.1318, 0.4908, 0.3954
Android (android.graphics.Color)	4293165891 (0xFFE48343)
YUV	152.7070, -42.2536, 66.0320
Hunter-Lab	57.5602, 26.8001, 30.4677

Details

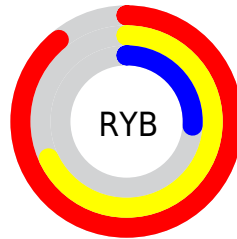
The XYZ color **41.1243, 33.1318, 9.5378** is a dark color, and the websafe version is hex **FF9966**. The color can be described as middle muted orange. A complement of this color would be **29.5929, 33.3437, 78.2745**, and the grayscale version is **30.3057, 31.8840, 34.7216**.

A 20% lighter version of the original color is **61.8590, 57.2659, 24.9326**, and **18.8985, 13.9902, 2.1945** is the 20% darker color. If you saturate the color by 10%, you get **38.8460, 29.4630, 6.0424**, and if you desaturate by 10%, it is **43.9178, 37.4009, 14.5331**.

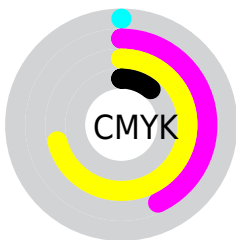
Distribution



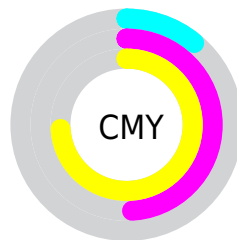
- Red (89%)
- Green (51%)
- Blue (26%)



- Red (89%)
- Yellow (68%)
- Blue (26%)



- Cyan (0%)
- Magenta (43%)
- Yellow (71%)
- Black (11%)





- Cyan (11%)
- Magenta (49%)
- Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.1243, 33.1318, 9.5378 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 41.1243, 33.1318, 9.5378 by changing the saturation by 10% instead.


 41.1243, 33.1318,
9.5378


 41.1243, 33.1318,
9.5378


341.8936,
316.2432, 197.7041


 28.6043, 22.2274,
4.9920


 76.1461, 64.5812,
25.5165


 18.9245, 14.0241,
2.1839


 99.3786, 85.8951,
37.7866


 11.7194, 8.1374,
0.6651


 126.9126,
111.4476, 53.4684

 6.6237, 4.1830,
0.0000

 159.1136,
141.6231, 72.9806

 3.2722, 1.7765,
0.0000

 196.3468,
176.8060, 96.7418

 1.2993, 0.4724,
0.0000

238.9776,

 0.1827, 0.0000,

217.3808, 125.1704

0.0000

287.3714,
263.7317, 158.6850

■ 0.0000, 0.0000,
0.0000

■ 41.1243, 33.1318,
9.5378

■ 41.1243, 33.1318,
9.5378

■ 38.8460, 29.4630,
6.0424

■ 43.9178, 37.4009,
14.5331

■ 37.0374, 26.3568,
3.8645


■ 47.2615, 42.2944,
21.1782


■ 35.7052, 23.9149,
2.7342


■ 51.1895, 47.8411,
29.6066


■ 55.7320, 54.0661,
39.9373

■ 60.9169, 60.9932,
52.2792

 66.7704, 68.6448,
66.7327

 73.3170, 77.0421,
83.3914

 80.5799, 86.2058,
102.3436

 85.6864, 94.9972,
108.4279

Harmonies

Analogous

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



48.1709, 33.1318, 18.8972



41.1243, 33.1318, 9.5378



32.3434, 33.1318, 6.8047

Triad

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



41.1243, 33.1318, 9.5378



17.9670, 33.1318, 33.7086



39.4004, 33.1318, 94.9186

Complementary

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



41.1243, 33.1318, 9.5378



29.5929, 33.3437, 78.2745

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.



30.6533, 33.1318, 104.7175



41.1243, 33.1318, 9.5378



19.1884, 33.1318, 61.3892

Square

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



41.1243, 33.1318, 9.5378



19.8022, 33.1318, 16.3022



23.4931, 33.1318, 90.3807



47.0578, 33.1318, 67.5596

Rectangle

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



41.1243, 33.1318, 9.5378



27.0042, 33.1318, 7.4685



23.4931, 33.1318, 90.3807



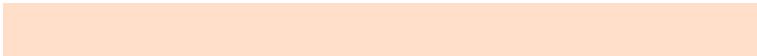
36.4486, 33.1318, 100.7875

Sweetspot

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



41.1251, 33.1335, 9.5384



78.1536, 78.1342, 66.4986



40.9109, 23.2720, 38.5487



16.3151, 16.1760, 13.2384



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



41.1251, 33.1335, 9.5384



48.8542, 35.9222, 6.2137



55.8614, 62.6063, 14.4505



14.8448, 15.3035, 15.0759



20.7259, 14.0260, 1.6149



1.6203, 1.2139, 0.1489

Inverse Universe

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



29.5929, 33.3437, 78.2745



33.0151, 35.9498, 99.8067



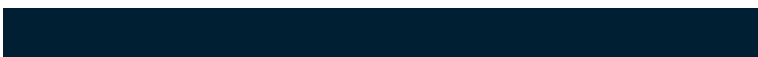
19.6290, 13.4161, 74.9532



14.3015, 15.3244, 18.3485



13.4001, 13.8622, 44.3526



1.0804, 1.2047, 3.3076

Previews

White Background



This preview shows how the XYZ color 41.1243, 33.1318, 9.5378 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 41.1243, 33.1318, 9.5378 looks on a black 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 ✓ Pass

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

XYZ 41.1243, 33.1318, 9.5378

Background



This preview shows how black text looks on a background with the XYZ color 41.1243, 33.1318, 9.5378.



This preview shows how white text looks on a background with the XYZ color 41.1243, 33.1318,

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

41.1243, 33.1318, 9.5378

Protanopia

30.3920, 33.1692, 11.4571

Deuteranopia

33.8651, 33.3120, 9.2024



Tritanopia

44.7200, 33.2646, 26.2540

Trichromacy



Original Color

41.1243, 33.1318, 9.5378

Protanomaly

33.5957, 32.6728, 10.6667

Deuteranomaly

36.0520, 32.8380, 9.2887

Tritanomaly

43.3047, 33.2718, 18.6077

Monochromacy



Original Color

41.1243, 33.1318, 9.5378

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

32.4606, 31.3592, 22.7544

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.1243, 33.1318, 9.5378 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(228, 131, 67)` looks like.

```
.text, #text, p{  
    color:rgb(228, 131, 67)  
}
```

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(228, 131, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 131, 67) }
```

Border

The CSS property to change the border of an element to XYZ 41.1243, 33.1318, 9.5378 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(228, 131, 67) }
```


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

```
.border{ border-color:rgb(228, 131, 67) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 131, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 131, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 131, 67);  
box-shadow:4px 4px 4px 4px rgb(228, 131,  
67) }
```

Background

The CSS property to change the background color of an element to XYZ 41.1243, 33.1318, 9.5378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 131, 67) }
```

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

```
.background{ background-color: rgb(228,  
131, 67) }
```

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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