

Converting Colors

XYZ(43.1120, 34.5412, 22.3288)

Have a look what the booklet for
XYZ(43.1120, 34.5412, 22.3288)
contains.

XYZ(43.0276, 34.4382, 22.4686)	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(43.0276, 34.4382,
22.4686)**

Conversions

Conversions Part 1

Format	Color
Hex	E18679
RGB	225, 134, 121
RGB Percent	88%, 53%, 47%
CMY	0.1176, 0.4745, 0.5255
CMYK	0.00, 0.40, 0.46, 0.12
HSL	8°, 63%, 68%
HSV	8°, 46%, 88%
XYZ	43.0276, 34.4382, 22.4686
YIQ	159.7270, 58.4090, 15.2490

Conversions

Conversions Part 2

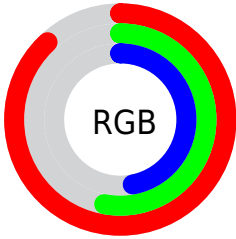
Format	Color
R_{YB}	225, 136, 121
Decimal	14780025
CIE Lab	65.31, 33.45, 22.00
CIE LCh	65, 40.036, 33.334
Yxy	34.4382, 0.4306, 0.3446
Android (android.graphics.Color)	4292970105 (0xFFE18679)
YUV	159.7270, -19.0924, 57.2444
Hunter-Lab	58.6841, 28.1804, 18.3783

Details

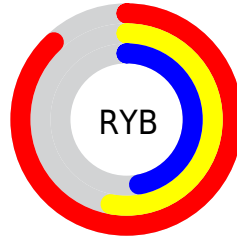
The XYZ color **43.0276, 34.4382, 22.4686** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **45.0180, 56.5855, 79.7833**, and the grayscale version is **33.3550, 35.0921, 38.2153**.

A 20% lighter version of the original color is **66.7660, 60.2436, 47.6444**, and **19.9888, 14.7614, 7.9266** is the 20% darker color. If you saturate the color by 10%, you get **39.3331, 29.0058, 15.2053**, and if you desaturate by 10%, it is **47.5522, 41.0158, 31.5966**.

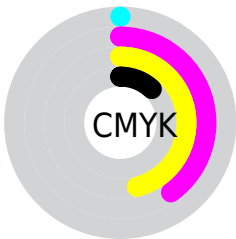
Distribution



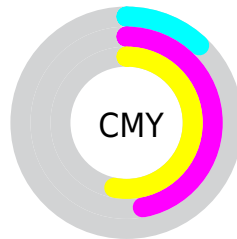
- Red (88%)
- Green (53%)
- Blue (47%)



- Red (88%)
- Yellow (53%)
- Blue (47%)



- Cyan (0%)
- Magenta (40%)
- Yellow (46%)
- Black (12%)





- Cyan (12%)
- Magenta (47%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.0276, 34.4382, 22.4686 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 43.0276, 34.4382, 22.4686 by changing the saturation by 10% instead.


 43.0276, 34.4382,
22.4686

 43.0276, 34.4382,
22.4686


349.6449,
322.0816, 278.0167

 30.1014, 23.2304,
14.0000


 79.0080, 66.6145,
48.4314

 20.0640, 14.7638,
7.9819


 102.7928, 88.3519,
66.7626

 12.5501, 8.6538,
3.9958

 130.9279,
114.3679, 89.2185

 7.1943, 4.5160,
1.6230

163.7787,
145.0470, 116.2176

 3.6313, 1.9662,
0.3072

201.7104,
180.7735, 148.1784

 1.4958, 0.5877,
0.0000

245.0884,

 0.3230, 0.0000,

221.9318, 185.5195

0.0000

294.2781,
268.9064, 228.6594

■ 0.0000, 0.0000,
0.0000

■ 43.0276, 34.4382,
22.4686

■ 43.0276, 34.4382,
22.4686

■ 39.3331, 29.0058,
15.2053

■ 47.5522, 41.0158,
31.5966

■ 36.4151, 24.6479,
9.6759

■ 52.9506, 48.7934,
42.7042

■ 34.2179, 21.2942,
5.7356


■ 59.2669, 57.8288,
55.8990


■ 32.6772, 18.8637,
3.2152


■ 66.5410, 68.1743,
71.2806

■ 31.7159, 17.2623,
1.9045

■ 74.8109, 79.8794,
88.9419

 31.4697, 16.8445,
1.5927

 83.9507, 92.9264,
108.1196

 84.8612, 94.7475,
108.4232

Harmonies

Analogous

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



45.2569, 34.4382, 35.6596



43.0276, 34.4382, 22.4686



38.0293, 34.4382, 15.4914

Triad

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



43.0276, 34.4382, 22.4686



23.6964, 34.4382, 24.8484



33.3893, 34.4382, 79.5829

Complementary

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



43.0276, 34.4382, 22.4686



45.0180, 56.5855, 79.7833

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.



27.9518, 34.4382, 74.1578



43.0276, 34.4382, 22.4686



22.7623, 34.4382, 39.3972

Square

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



43.0276, 34.4382, 22.4686



26.9469, 34.4382, 16.5512



24.2264, 34.4382, 58.0675



39.2920, 34.4382, 71.2524

Rectangle

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



43.0276, 34.4382, 22.4686



34.0519, 34.4382, 13.7834



24.2264, 34.4382, 58.0675



31.4476, 34.4382, 79.3144

Sweetspot

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



43.0285, 34.4399, 22.4692



80.6581, 79.5750, 78.3335



49.8821, 34.4798, 66.8882



16.8387, 16.4259, 15.8710



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.



43.0285, 34.4399, 22.4692



52.6106, 39.0729, 20.9133



51.8794, 52.1419, 25.4196



13.8447, 13.9753, 14.2746



18.1802, 9.7982, 0.9330



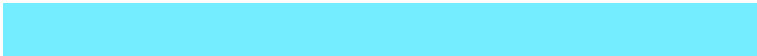
1.3060, 0.7709, 0.0800

Inverse Universe

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



45.0180, 56.5855, 79.7833



55.5054, 71.6839, 105.5187



34.1976, 34.9446, 76.1765



13.9627, 15.2645, 17.5981



19.3784, 26.2264, 45.0892



1.3847, 1.9010, 3.1392

Previews

White Background



This preview shows how the XYZ color 43.0276, 34.4382, 22.4686 looks on a white background.

Color Contrast Check

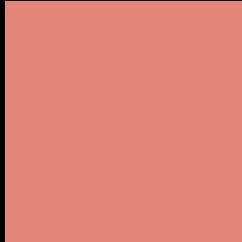
Large Text (above 18pt) WCAG AA × Fail

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 43.0276, 34.4382, 22.4686 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

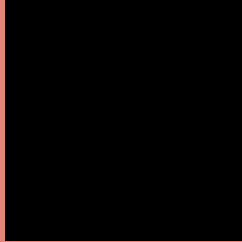
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.0276, 34.4382, 22.4686

Background



This preview shows how black text looks on a background with the XYZ color 43.0276, 34.4382, 22.4686.



This preview shows how white text looks on a background with the XYZ color 43.0276, 34.4382,

22.4686.

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

43.0276, 34.4382, 22.4686

Protanopia

32.7114, 34.7870, 26.8203

Deuteranopia

35.2373, 34.4558, 21.9330



Tritanopia

44.6026, 34.4866, 29.5051

Trichromacy



Original Color

43.0276, 34.4382, 22.4686

Protanomaly

35.7889, 34.1900, 25.1351

Deuteranomaly

37.5426, 34.0002, 22.0368

Tritanomaly

43.9184, 34.3925, 26.8779

Monochromacy



Original Color

43.0276, 34.4382, 22.4686

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

36.0221, 34.3989, 31.9352

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.0276, 34.4382, 22.4686 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(225, 134, 121)` looks like.

```
.text, #text, p{  
    color:rgb(225, 134, 121)  
}
```

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(225, 134, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 134, 121) }
```

Border

The CSS property to change the border of an element to XYZ 43.0276, 34.4382, 22.4686 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(225, 134, 121) }
```


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

```
.border{ border-color:rgb(225, 134, 121) }
```

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

Here you see how a box with a 4 pixel rgb(225, 134, 121) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 134, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 134, 121);  
box-shadow:4px 4px 4px 4px rgb(225, 134,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 43.0276, 34.4382, 22.4686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 134, 121) }
```

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

```
.background{ background-color: rgb(225,  
134, 121) }
```

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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