

Converting Colors

XYZ(44.4248, 33.5798, 25.5511)

Have a look what the booklet for
XYZ(44.4248, 33.5798, 25.5511)
contains.

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Color

**XYZ(44.5126, 33.5493,
25.6023)**

Conversions

Conversions Part 1

Format	Color
Hex	E77E83
RGB	231, 126, 131
RGB Percent	91%, 49%, 51%
CMY	0.0941, 0.5059, 0.4863
CMYK	0.00, 0.45, 0.43, 0.09
HSL	357°, 69%, 70%
HSV	357°, 45%, 91%
XYZ	44.5126, 33.5493, 25.6023
YIQ	157.9650, 60.9750, 23.8150

Conversions

Conversions Part 2

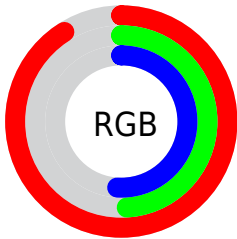
Format	Color
R _Y B	231, 126, 131
Decimal	15171203
CIE Lab	64.60, 40.86, 15.53
CIE LCh	65, 43.709, 20.808
Yxy	33.5493, 0.4294, 0.3236
Android (android.graphics.Color)	4293361283 (0xFFE77E83)
YUV	157.9650, -13.2937, 64.0517
Hunter-Lab	57.9218, 35.8133, 14.3381

Details

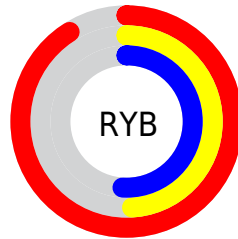
The XYZ color **44.5126, 33.5493, 25.6023** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **50.9093, 67.0792, 82.2199**, and the grayscale version is **32.5234, 34.2172, 37.2625**.

A 20% lighter version of the original color is **66.2130, 57.3632, 52.9298**, and **20.9850, 14.2774, 9.6324** is the 20% darker color. If you saturate the color by 10%, you get **40.5562, 27.7749, 17.6915**, and if you desaturate by 10%, it is **49.4692, 40.8175, 35.4091**.

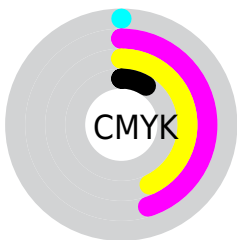
Distribution



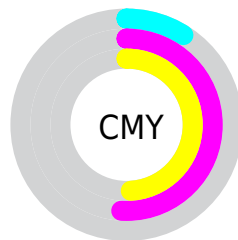
- Red (91%)
- Green (49%)
- Blue (51%)



- Red (91%)
- Yellow (49%)
- Blue (51%)



- Cyan (0%)
- Magenta (45%)
- Yellow (43%)
- Black (9%)





- Cyan (9%)
- Magenta (51%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.5126, 33.5493, 25.6023 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 44.5126, 33.5493, 25.6023 by changing the saturation by 10% instead.


 44.5126, 33.5493,
25.6023


 44.5126, 33.5493,
25.6023


355.6130,
318.1177, 294.3674

 31.2733, 22.5476,
16.3033


 81.2301, 65.2322,
53.6088

 20.9599, 14.2598,
9.5823


 105.4391, 86.6821,
73.1534

 13.2070, 8.3016,
5.0210


 134.0353,
112.3836, 96.9503

 7.6492, 4.2885,
2.2006

167.3841,
142.7210, 125.4179

 3.9212, 1.8362,
0.6747

205.8510,
178.0787, 158.9749

 1.6577, 0.5096,
0.0000

249.8012,

 0.4296, 0.0000,

218.8411, 198.0398

0.0000

299.6000,
265.3927, 243.0311

■ 0.0000, 0.0000,
0.0000

■ 44.5126, 33.5493,
25.6023

■ 44.5126, 33.5493,
25.6023

■ 40.5562, 27.7749,
17.6915

■ 49.4692, 40.8175,
35.4091

■ 37.5297, 23.3860,
11.5524

■ 55.4850, 49.6679,
47.2216

■ 35.3577, 20.2679,
7.0492

■ 62.6174, 60.1880,
61.1431

■ 33.9518, 18.2850,
4.0250

■ 70.9188, 72.4576,
77.2695

■ 33.2044, 17.2712,
2.2928

■ 80.4386, 86.5511,
95.6908

■ 33.0153, 17.0131,
1.8600

■ 86.7650, 95.7289,
108.5123

Harmonies

Analogous

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



45.3047, 33.5493, 42.3166



44.5126, 33.5493, 25.6023



40.1134, 33.5493, 15.7986

Triad

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



44.5126, 33.5493, 25.6023



23.4399, 33.5493, 18.7909



30.0035, 33.5493, 82.2119

Complementary

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



44.5126, 33.5493, 25.6023



50.9093, 67.0792, 82.2199

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.



24.8710, 33.5493, 70.2840



44.5126, 33.5493, 25.6023



21.4214, 33.5493, 31.2956

Square

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



44.5126, 33.5493, 25.6023



27.8005, 33.5493, 12.8543



21.9087, 33.5493, 50.1928



36.3569, 33.5493, 79.1499

Rectangle

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



44.5126, 33.5493, 25.6023



36.0098, 33.5493, 12.6893



21.9087, 33.5493, 50.1928



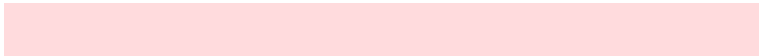
28.0927, 33.5493, 79.7081

Sweetspot

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



44.5135, 33.5510, 25.6029



79.7008, 77.3001, 79.1251



53.1713, 36.8213, 79.9061



16.6093, 15.8811, 16.0602



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.



44.5135, 33.5510, 25.6029



50.8194, 34.8554, 22.2743



51.7135, 48.4799, 26.3728



14.4046, 14.3790, 15.0653



18.5216, 9.5428, 1.1096



1.3785, 0.7091, 0.1339

Inverse Universe

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



44.5135, 33.5510, 25.6029



50.8194, 34.8554, 22.2743



40.1181, 44.3840, 82.0538



14.4046, 14.3790, 15.0653



18.5216, 9.5428, 1.1096



1.3785, 0.7091, 0.1339

Previews

White Background



This preview shows how the XYZ color 44.5126, 33.5493, 25.6023 looks on a white background.

Color Contrast Check

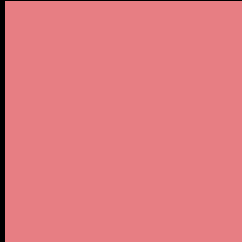
Large Text (above 18pt) WCAG AA × Fail

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 44.5126, 33.5493, 25.6023 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 44.5126, 33.5493, 25.6023

Background



This preview shows how black text looks on a background with the XYZ color 44.5126, 33.5493, 25.6023.



This preview shows how white text looks on a background with the XYZ color 44.5126, 33.5493,

25.6023.

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

44.5126, 33.5493, 25.6023

Protanopia

32.2237, 33.9019, 32.4491

Deuteranopia

34.4258, 33.7328, 24.7753



Tritanopia

44.6618, 33.4054, 27.0156

Trichromacy



Original Color

44.5126, 33.5493, 25.6023

Protanomaly

35.5801, 33.0457, 29.7025

Deuteranomaly

37.3887, 33.1839, 24.8566

Tritanomaly

44.5917, 33.3774, 26.6465

Monochromacy



Original Color

44.5126, 33.5493, 25.6023

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

35.6318, 33.0102, 32.5106

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.5126, 33.5493, 25.6023 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(231, 126, 131)` looks like.

```
.text, #text, p{  
    color:rgb(231, 126, 131)  
}
```

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(231, 126, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 126, 131) }
```

Border

The CSS property to change the border of an element to XYZ 44.5126, 33.5493, 25.6023 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(231, 126, 131) }
```


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

```
.border{ border-color:rgb(231, 126, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 126, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 126, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 126, 131);  
box-shadow:4px 4px 4px 4px rgb(231, 126,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 44.5126, 33.5493, 25.6023 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 126, 131) }
```

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

```
.background{ background-color: rgb(231,  
126, 131) }
```

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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