

Converting Colors

XYZ(44.0650, 25.3897, 54.6077)

Have a look what the booklet for
XYZ(44.0650, 25.3897, 54.6077)
contains.

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Color

**XYZ(44.2268, 25.4853,
54.8127)**

Conversions

Conversions Part 1

Format	Color
Hex	E34CC4
RGB	227, 76, 196
RGB Percent	89%, 30%, 77%
CMY	0.1098, 0.7019, 0.2314
CMYK	0.00, 0.67, 0.14, 0.11
HSL	312°, 73%, 59%
HSV	312°, 67%, 89%
XYZ	44.2268, 25.4853, 54.8127
YIQ	134.8290, 51.4760, 69.3320

Conversions

Conversions Part 2

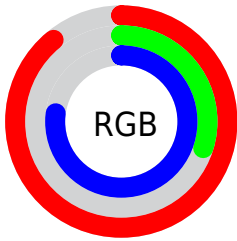
Format	Color
R _{YB}	227, 76, 196
Decimal	14896324
CIE _{Lab}	57.55, 70.45, -32.30
CIE _{LCh}	58, 77.499, 335.370
Yxy	25.4853, 0.3552, 0.2047
Android (android.graphics.Color)	4293086404 (0xFFE34CC4)
YUV	134.8290, 30.1573, 80.8340
Hunter-Lab	50.4830, 68.0340, -29.0370

Details

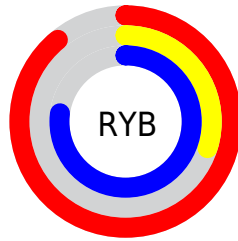
The XYZ color **44.2268, 25.4853, 54.8127** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted magenta. A complement of this color would be **33.1047, 57.5372, 23.2732**, and the grayscale version is **22.8457, 24.0354, 26.1746**.

A 20% lighter version of the original color is **67.6336, 45.6798, 98.1809**, and **21.0309, 10.2778, 26.4665** is the 20% darker color. If you saturate the color by 10%, you get **42.4074, 22.6820, 51.6295**, and if you desaturate by 10%, it is **46.6158, 29.4006, 58.2675**.

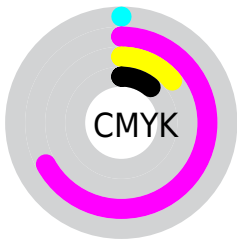
Distribution



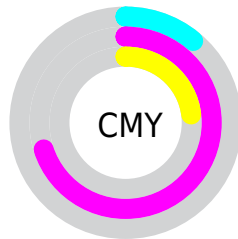
- Red (89%)
- Green (30%)
- Blue (77%)



- Red (89%)
- Yellow (30%)
- Blue (77%)



- Cyan (0%)
- Magenta (67%)
- Yellow (14%)
- Black (11%)





- Cyan (11%)
- Magenta (70%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.2268, 25.4853, 54.8127 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 44.2268, 25.4853, 54.8127 by changing the saturation by 10% instead.

 44.2268, 25.4853,
54.8127

 44.2268, 25.4853,
54.8127


354.4696,
280.2462, 422.4635


 31.0475, 16.4390,
38.8542


 80.8031, 52.4434,
98.7349

 20.7870, 9.8353,
26.3394


 104.9309, 71.1240,
127.5356

 13.0800, 5.2899,
16.8497


 133.4389, 93.7849,
161.4542

 7.5610, 2.4183,
9.9665

 166.6925,
120.8103, 200.9092

 3.8648, 0.8353,
5.2715

 205.0570,
152.5848, 246.3190

 1.6259, 0.0000,
2.3459

248.8978,

 0.4092, 0.0000,

189.4927, 298.1023

0.7568

298.5802,
231.9183, 356.6776

■ 0.0000, 0.0000,
0.0000

■ 44.2268, 25.4853,
54.8127

■ 44.2268, 25.4853,
54.8127

■ 42.4074, 22.6820,
51.6295

■ 46.6158, 29.4006,
58.2675

■ 41.0940, 20.8648,
48.6954

■ 49.6242, 34.5285,
62.0105


■ 40.2101, 19.8809,
45.9843

■ 53.2991, 40.9626,
66.0585


■ 39.9574, 19.6425,
45.0769


■ 57.6823, 48.7862,
70.4260

■ 62.8121, 58.0758,
75.1265

 68.7241, 68.9021,
80.1726

 75.4514, 81.3315,
85.5759

 82.1875, 93.7505,
91.0683

 82.8634, 94.0209,
94.6274

Harmonies

Analogous

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



36.0306, 25.4853, 93.3488



44.2268, 25.4853, 54.8127



46.5649, 25.4853, 23.2546

Triad

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



44.2268, 25.4853, 54.8127



22.5981, 25.4853, 1.6652



12.4325, 25.4853, 68.8490

Complementary

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



44.2268, 25.4853, 54.8127



33.1047, 57.5372, 23.2732

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.



10.4913, 25.4853, 32.7884



44.2268, 25.4853, 54.8127



15.3260, 25.4853, 3.5026

Square

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



44.2268, 25.4853, 54.8127



32.4068, 25.4853, 2.4359



11.3968, 25.4853, 11.4874



17.5479, 25.4853, 104.4527

Rectangle

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



44.2268, 25.4853, 54.8127



44.0821, 25.4853, 11.1597



11.3968, 25.4853, 11.4874



11.4556, 25.4853, 55.7559

Sweetspot

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



44.2277, 25.4865, 54.8132



79.2425, 71.0096, 95.5395



22.4187, 13.7929, 74.1544



16.5571, 14.4673, 20.0790



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.



44.2277, 25.4865, 54.8132



54.4489, 28.4377, 65.6478



37.7338, 22.8890, 20.6169



14.8617, 14.5619, 17.4719



23.3464, 11.4728, 26.5170



1.7573, 0.8606, 2.1285

Inverse Universe

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



44.2277, 25.4865, 54.8132



54.4489, 28.4377, 65.6478



38.8633, 59.8406, 53.5973



14.8617, 14.5619, 17.4719



23.3464, 11.4728, 26.5170



1.7573, 0.8606, 2.1285

Previews

White Background



This preview shows how the XYZ color 44.2268, 25.4853, 54.8127 looks on a white background.

Color Contrast Check

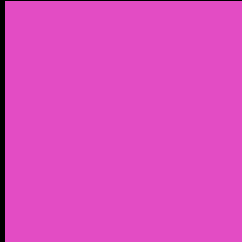
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 44.2268, 25.4853, 54.8127 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

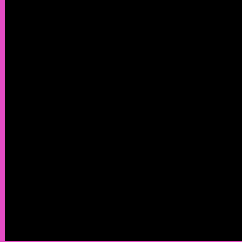
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 44.2268, 25.4853, 54.8127

Background



This preview shows how black text looks on a background with the XYZ color 44.2268, 25.4853, 54.8127.



This preview shows how white text looks on a background with the XYZ color 44.2268, 25.4853,

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

44.2268, 25.4853, 54.8127

Protanopia

29.0759, 25.9468, 89.8620

Deuteranopia

26.3727, 25.8392, 50.6112



Tritanopia

36.2739, 25.2955, 17.1580

Trichromacy



Original Color

44.2268, 25.4853, 54.8127



Protanomaly

30.3637, 22.9840, 75.5091



Deuteranomaly

30.3253, 23.6606, 51.6838



Tritanomaly

38.3796, 24.9199, 27.5981

Monochromacy



Original Color

44.2268, 25.4853, 54.8127



Achromatopsia

23.0288, 24.2281, 26.3844



Achromatomaly

28.2516, 22.7938, 34.8089

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.2268, 25.4853, 54.8127 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(227, 76, 196)` looks like.

```
.text, #text, p{  
    color:rgb(227, 76, 196)  
}
```

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(227, 76, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 76, 196) }
```

Border

The CSS property to change the border of an element to XYZ 44.2268, 25.4853, 54.8127 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(227, 76, 196) }
```


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

```
.border{ border-color:rgb(227, 76, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 76, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 76, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 76, 196);  
box-shadow:4px 4px 4px 4px rgb(227, 76,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 44.2268, 25.4853, 54.8127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 76, 196) }
```

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

```
.background{ background-color: rgb(227, 76,  
196) }
```

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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