

Converting Colors

XYZ(45.8850, 26.7882, 53.7912)

Have a look what the booklet for
XYZ(45.8850, 26.7882, 53.7912)
contains.

| | |
|--|----|
| XYZ(45.8850, 26.7882, 53.7912) | 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(45.8850, 26.7882,
53.7912)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | E850C2 |
| RGB | 232, 80, 194 |
| RGB Percent | 91%, 31%, 76% |
| CMY | 0.0902, 0.6862, 0.2392 |
| CMYK | 0.00, 0.66, 0.16, 0.09 |
| HSL | 315°, 77%, 61% |
| HSV | 315°, 66%, 91% |
| XYZ | 45.8850, 26.7882, 53.7912 |
| YIQ | 138.4440, 53.9980, 67.6780 |

Conversions

Conversions Part 2

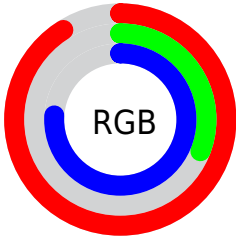
| Format | Color |
|-------------------------------------|-------------------------------|
| R _{YB} | 232, 80, 194 |
| Decimal | 15225026 |
| CIE _{Lab} | 58.78, 69.92, -29.18 |
| CIE _{LCh} | 59, 75.762, 337.348 |
| Yxy | 26.7882, 0.3628, 0.2118 |
| Android (android.graphics.Color) | 4293415106 (0xFFE850C2) |
| YUV | 138.4440, 27.3891, 82.0486 |
| Hunter-Lab | 51.7573, 67.6723, -25.3898 |

Details

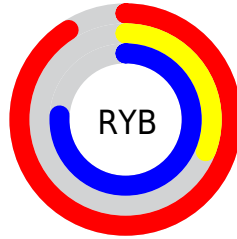
The XYZ color **45.8850, 26.7882, 53.7912** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted magenta. A complement of this color would be **35.4363, 60.7277, 26.9961**, and the grayscale version is **24.2125, 25.4735, 27.7406**.

A 20% lighter version of the original color is **67.8852, 46.6903, 96.7010**, and **21.9672, 10.7777, 25.7334** is the 20% darker color. If you saturate the color by 10%, you get **43.8313, 23.7027, 49.9551**, and if you desaturate by 10%, it is **48.5520, 31.0587, 57.9576**.

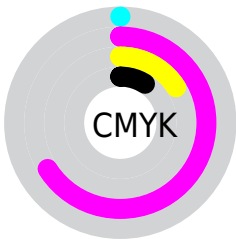
Distribution



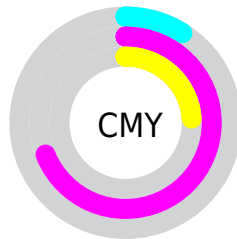
- Red (91%)
- Green (31%)
- Blue (76%)



- Red (91%)
- Yellow (31%)
- Blue (76%)



- Cyan (0%)
- Magenta (66%)
- Yellow (16%)
- Black (9%)





- Cyan (9%)
- Magenta (69%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.8850, 26.7882, 53.7912 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 45.8850, 26.7882, 53.7912 by changing the saturation by 10% instead.


 45.8850, 26.7882,
53.7912


 45.8850, 26.7882,
53.7912

361.0698,
286.6302, 418.4654

 32.3593, 17.4142,
38.0427


 83.2758, 54.5438,
97.2209


 21.7930, 10.5303,
25.7138


 107.8716, 73.6942,
125.7392

 13.8206, 5.7519,
16.3858


 136.8882, 96.8722,
159.3512

 8.0769, 2.6948,
9.6402

 170.6908,
124.4623, 198.4754

 4.1964, 0.9746,
5.0586

209.6450,
156.8487, 243.5304

 1.8138, 0.0000,
2.2224

254.1160,

 0.5260, 0.0000,

194.4158, 294.9347

0.6872

304.4691,
237.5482, 353.1068

■ 0.0000, 0.0000,
0.0000

■ 45.8850, 26.7882,
53.7912

■ 45.8850, 26.7882,
53.7912

■ 43.8313, 23.7027,
49.9551

■ 48.5520, 31.0587,
57.9576

■ 42.3247, 21.6717,
46.4252

■ 51.8843, 36.6192,
62.4725

■ 41.2879, 20.5403,
43.1746

■ 55.9312, 43.5672,
67.3537

■ 40.9187, 20.2118,
41.7877

■ 60.7365, 51.9900,
72.6173

■ 66.3404, 61.9675,
78.2780

■ 72.7802, 73.5740,
84.3496

■ 80.0910, 86.8790,
90.8449

■ 84.8271, 94.9912,
96.6167

■ 85.7048, 95.3423,
101.2384

Harmonies

Analogous

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



37.9806, 26.7882, 92.1141



45.8850, 26.7882, 53.7912



47.7421, 26.7882, 23.0732

Triad

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



45.8850, 26.7882, 53.7912



23.2334, 26.7882, 2.1179



13.6892, 26.7882, 72.8041

Complementary

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



45.8850, 26.7882, 53.7912



35.4363, 60.7277, 26.9961

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.



11.4831, 26.7882, 36.2510



45.8850, 26.7882, 53.7912



16.0486, 26.7882, 4.4129

Square

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



45.8850, 26.7882, 53.7912



33.0210, 26.7882, 2.7966



12.2263, 26.7882, 13.5081



19.1537, 26.7882, 107.0078

Rectangle

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



45.8850, 26.7882, 53.7912



44.9704, 26.7882, 11.3488



12.2263, 26.7882, 13.5081



12.6116, 26.7882, 59.7408

Sweetspot

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



45.8859, 26.7895, 53.7917



78.8974, 70.8715, 93.7221



24.9069, 15.4168, 78.0075



16.4736, 14.4338, 19.6392



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.



45.8859, 26.7895, 53.7917



53.5137, 28.2468, 60.1584



39.4186, 24.2026, 19.7355



14.8331, 14.5504, 17.3213



22.7692, 11.2419, 23.4775



1.7191, 0.8454, 1.9274

Inverse Universe

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



45.8859, 26.7895, 53.7917



53.5137, 28.2468, 60.1584



41.9037, 63.3146, 61.0529



14.8331, 14.5504, 17.3213



22.7692, 11.2419, 23.4775



1.7191, 0.8454, 1.9274

Previews

White Background



This preview shows how the XYZ color 45.8850, 26.7882, 53.7912 looks on a white background.

Color Contrast Check

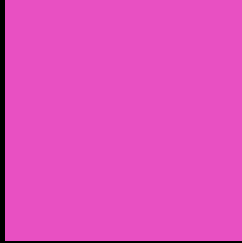
Large Text (above 18pt) WCAG AA ✓ Pass

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 45.8850, 26.7882, 53.7912 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

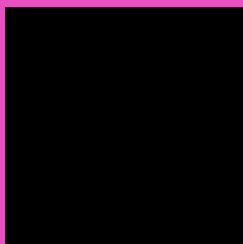
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 45.8850, 26.7882, 53.7912

Background



This preview shows how black text looks on a background with the XYZ color 45.8850, 26.7882, 53.7912.



This preview shows how white text looks on a background with the XYZ color 45.8850, 26.7882,

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

45.8850, 26.7882, 53.7912

Protanopia

30.0453, 27.1291, 87.6573

Deuteranopia

27.5053, 26.8736, 49.6364



Tritanopia

38.4052, 26.6736, 17.8762

Trichromacy



Original Color

45.8850, 26.7882, 53.7912



Protanomaly

31.8060, 24.2698, 74.2423



Deuteranomaly

31.7040, 24.9125, 50.7146



Tritanomaly

40.5785, 26.4384, 28.1637

Monochromacy



Original Color

45.8850, 26.7882, 53.7912



Achromatopsia

24.1572, 25.4152, 27.6772



Achromatomaly

29.5461, 23.9619, 35.4156

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.8850, 26.7882, 53.7912 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(232, 80, 194)` looks like.

```
.text, #text, p{  
    color:rgb(232, 80, 194)  
}
```

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(232, 80, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 80, 194) }
```

Border

The CSS property to change the border of an element to XYZ 45.8850, 26.7882, 53.7912 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(232, 80, 194) }
```


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

```
.border{ border-color:rgb(232, 80, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 80, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 80, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 80, 194);  
box-shadow:4px 4px 4px 4px rgb(232, 80,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 45.8850, 26.7882, 53.7912 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 80, 194) }
```

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

```
.background{ background-color: rgb(232, 80,  
194) }
```

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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