

Converting Colors

XYZ(62.5657, 45.9639, 86.4485)

Have a look what the booklet for
XYZ(62.5657, 45.9639, 86.4485)
contains.

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Color

**XYZ(62.4843, 45.9177,
86.4586)**

Conversions

Conversions Part 1

Format	Color
Hex	F293EE
RGB	242, 147, 238
RGB Percent	95%, 58%, 93%
CMY	0.0510, 0.4235, 0.0667
CMYK	0.00, 0.39, 0.02, 0.05
HSL	303°, 79%, 76%
HSV	303°, 39%, 95%
XYZ	62.4843, 45.9177, 86.4586
YIQ	185.7790, 27.4090, 48.4410

Conversions

Conversions Part 2

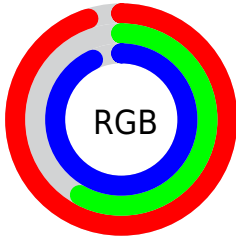
Format	Color
R_YB	242, 147, 238
Decimal	15897582
CIE _{Lab}	73.49, 49.02, -30.91
CIE _{LCh}	73, 57.946, 327.768
Yxy	45.9177, 0.3207, 0.2356
Android (android.graphics.Color)	4294087662 (0xFFFF293EE)
YUV	185.7790, 25.7450, 49.3058
Hunter-Lab	67.7626, 46.0114, -28.2146

Details

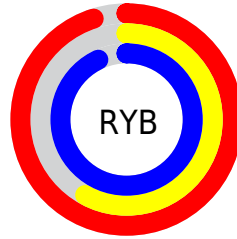
The XYZ color **62.4843, 45.9177, 86.4586** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **49.3726, 71.9433, 40.5651**, and the grayscale version is **46.3997, 48.8161, 53.1607**.

A 20% lighter version of the original color is **80.6459, 71.1919, 104.0986**, and **32.1250, 21.3964, 46.6927** is the 20% darker color. If you saturate the color by 10%, you get **58.9607, 39.1085, 84.5478**, and if you desaturate by 10%, it is **66.8032, 54.3143, 88.6396**.

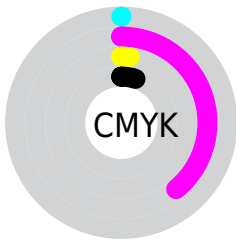
Distribution



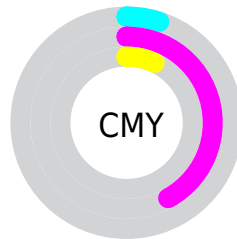
- Red (95%)
- Green (58%)
- Blue (93%)



- Red (95%)
- Yellow (58%)
- Blue (93%)



- Cyan (0%)
- Magenta (39%)
- Yellow (2%)
- Black (5%)





- Cyan (5%)
- Magenta (42%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.4843, 45.9177, 86.4586 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 62.4843, 45.9177, 86.4586 by changing the saturation by 10% instead.


 62.4843, 45.9177,
86.4586


 62.4843, 45.9177,
86.4586


423.3849,
370.4777, 536.7121

 45.6812, 32.1809,
64.4902

 107.5112, 84.0958,
144.3015

 32.1979, 21.4997,
46.5991


 136.4657,
109.3059, 181.0130

 21.6690, 13.4898,
32.3668


170.2013,
139.1092, 223.4761

 13.7291, 7.7666,
21.3747

209.0836,
173.8901, 272.1091

 8.0129, 3.9460,
13.2042

253.4777,
214.0330, 327.3307

 4.1551, 1.6434,
7.4370

303.7490,

 1.7903, 0.3866,

259.9223, 389.5594

3.6543

360.2630,
311.9424, 459.2137

■ 0.5118, 0.0000,
1.4377

■ 0.0000, 0.0000,
0.1708

■ 62.4843, 45.9177,
86.4586

■ 62.4843, 45.9177,
86.4586

■ 58.9607, 39.1085,
84.5478

■ 66.8032, 54.3143,
88.6396

■ 56.1779, 33.7805,
82.8876

■ 71.9587, 64.3834,
91.1032

■ 54.0816, 29.8242,
81.4604

■ 77.9943, 76.2117,
93.8644

■ 52.6082, 27.1124,
80.2451

■ 84.9495, 89.8777,
96.9364

51.6824, 25.4943,
79.2164

88.5708, 96.8745,
98.9012

51.1873, 24.7364,
78.3354

88.7253, 96.9362,
99.7146

51.1570, 24.6929,
78.2721

88.8806, 96.9984,
100.5326

89.0368, 97.0608,
101.3550

89.1938, 97.1237,
102.1820

Harmonies

Analogous

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



53.4629, 45.9177, 118.2353



62.4843, 45.9177, 86.4586



66.3944, 45.9177, 52.2227

Triad

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



62.4843, 45.9177, 86.4586



44.4139, 45.9177, 12.1908



28.4509, 45.9177, 81.0988

Complementary

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



62.4843, 45.9177, 86.4586



49.3726, 71.9433, 40.5651

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.



26.7925, 45.9177, 47.8347



62.4843, 45.9177, 86.4586



35.1065, 45.9177, 14.8827

Square

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



62.4843, 45.9177, 86.4586



54.9964, 45.9177, 15.8824



29.0307, 45.9177, 25.5696



33.9714, 45.9177, 114.3838

Rectangle

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



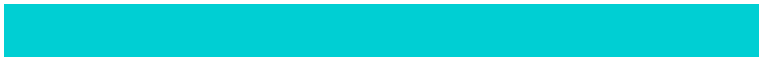
62.4843, 45.9177, 86.4586



65.1807, 45.9177, 34.7020



29.0307, 45.9177, 25.5696



27.4650, 45.9177, 69.2311

Sweetspot

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



62.4858, 45.9197, 86.4596



85.8465, 81.9238, 104.8120



39.0712, 33.7804, 88.4667



18.1797, 17.1527, 22.3454



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.



62.4858, 45.9197, 86.4596



67.1728, 45.5290, 95.6509



56.4942, 43.5231, 54.9081



16.4238, 16.0192, 19.7881



27.4948, 13.2704, 42.1179



2.2962, 1.1075, 3.5505

Inverse Universe

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



62.4858, 45.9197, 86.4596



67.1728, 45.5290, 95.6509



53.9412, 73.7708, 64.6230



16.4238, 16.0192, 19.7881



27.4948, 13.2704, 42.1179



2.2962, 1.1075, 3.5505

Previews

White Background



This preview shows how the XYZ color 62.4843, 45.9177, 86.4586 looks on a white background.

Color Contrast Check

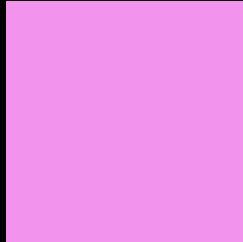
Large Text (above 18pt) WCAG AA × Fail

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 62.4843, 45.9177, 86.4586 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

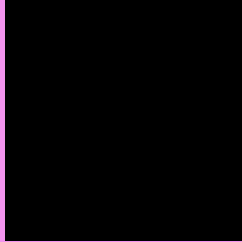
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.4843, 45.9177, 86.4586

Background



This preview shows how black text looks on a background with the XYZ color 62.4843, 45.9177, 86.4586.



This preview shows how white text looks on a background with the XYZ color 62.4843, 45.9177,

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

62.4843, 45.9177, 86.4586

Protanopia

47.8750, 46.2289, 101.0075

Deuteranopia

47.2805, 46.3249, 82.7936



Tritanopia

54.2194, 45.9993, 45.5562

Trichromacy



Original Color

62.4843, 45.9177, 86.4586



Protanomaly

51.6566, 45.1684, 95.6183



Deuteranomaly

51.6960, 45.4483, 83.8896



Tritanomaly

56.8916, 45.8127, 58.6675

Monochromacy



Original Color

62.4843, 45.9177, 86.4586



Achromatopsia

46.6715, 49.1021, 53.4722



Achromatomaly

51.2256, 47.0346, 64.1363

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.4843, 45.9177, 86.4586 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(242, 147, 238)` looks like.

```
.text, #text, p{  
    color:rgb(242, 147, 238)  
}
```

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(242, 147, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 147, 238) }
```

Border

The CSS property to change the border of an element to XYZ 62.4843, 45.9177, 86.4586 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(242, 147, 238) }
```


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

```
.border{ border-color:rgb(242, 147, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 147, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 147, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 147, 238);  
box-shadow:4px 4px 4px 4px rgb(242, 147,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 62.4843, 45.9177, 86.4586 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 147, 238) }
```

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

```
.background{ background-color: rgb(242,  
147, 238) }
```

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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